

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/21/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	54.27	50.61	47.43	45.03	45.35	45.82	49.12	54.22	54.08	52.39	51.18	49.45	49.12	48.98	56.93	61.80	73.76	83.93	76.78	75.21	70.41	67.06	71.47	64.57
24138	3.12	2.82	2.60	2.51	2.49	2.55	2.82	3.26	3.21	3.10	2.94	2.84	3.00	3.08	3.53	3.72	4.04	4.38	4.07	4.19	3.80	3.68	3.40	2.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	54.42	50.75	47.56	45.12	45.48	45.95	49.26	54.32	54.23	52.54	51.33	49.59	49.21	49.07	57.09	61.97	73.97	84.17	77.00	75.42	70.61	67.25	71.67	64.76
24260	3.27	2.96	2.73	2.59	2.61	2.68	2.96	3.36	3.36	3.25	3.09	2.98	3.09	3.17	3.69	3.89	4.25	4.61	4.29	4.40	4.00	3.87	3.61	2.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	54.42	50.75	47.56	45.12	45.48	45.95	49.26	54.32	54.23	52.54	51.33	49.59	49.21	49.07	57.09	61.97	73.97	84.17	77.00	75.42	70.61	67.25	71.67	64.76
24261	3.27	2.96	2.73	2.59	2.61	2.68	2.96	3.36	3.36	3.25	3.09	2.98	3.09	3.17	3.69	3.89	4.25	4.61	4.29	4.40	4.00	3.87	3.61	2.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	53.75	50.18	47.20	44.73	45.05	45.61	48.52	53.35	53.32	51.60	50.41	48.61	48.20	48.02	55.92	60.99	73.28	83.61	76.56	74.78	70.01	66.55	71.47	64.82
24011	2.61	2.39	2.38	2.21	2.19	2.34	2.22	2.39	2.44	2.32	2.17	2.00	2.08	2.11	2.51	2.90	3.56	4.06	3.85	3.76	3.40	3.17	3.40	2.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	53.91	50.27	47.29	44.86	45.14	45.69	48.61	53.45	53.42	51.70	50.51	48.75	48.24	48.06	56.03	61.10	73.55	83.93	76.85	75.06	70.20	66.80	71.67	64.94
23798	2.76	2.48	2.46	2.34	2.27	2.42	2.31	2.50	2.54	2.41	2.27	2.15	2.12	2.16	2.62	3.02	3.83	4.37	4.14	4.05	3.59	3.42	3.60	3.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	53.75	50.18	47.20	44.73	45.05	45.61	48.52	53.35	53.32	51.60	50.41	48.61												

ALBANY___2 23572	53.14 1.99 0.00	49.65 1.86 0.00	46.58 1.75 0.00	44.18 1.66 0.00	44.50 1.63 0.00	44.96 1.69 0.00	48.01 1.71 0.00	52.18 1.22 0.00	52.05 1.17 0.00	50.47 1.18 0.00	49.40 1.16 0.00	47.68 1.07 0.00	47.27 1.15 0.00	47.10 1.19 0.00	54.80 1.39 0.00	59.42 1.34 0.00	71.04 1.32 0.00	80.59 1.03 0.00	73.80 1.09 0.00	72.22 1.21 0.00	67.81 1.20 0.00	64.65 1.27 0.00	69.36 1.29 0.00	62.84 0.99 0.00
ALBANY___3 23573	53.14 1.99 0.00	49.65 1.86 0.00	46.58 1.75 0.00	44.18 1.66 0.00	44.50 1.63 0.00	44.96 1.69 0.00	48.01 1.71 0.00	52.18 1.22 0.00	52.05 1.17 0.00	50.47 1.18 0.00	49.40 1.16 0.00	47.68 1.07 0.00	47.27 1.15 0.00	47.10 1.19 0.00	54.80 1.39 0.00	59.42 1.34 0.00	71.04 1.32 0.00	80.59 1.03 0.00	73.80 1.09 0.00	72.22 1.21 0.00	67.81 1.20 0.00	64.65 1.27 0.00	69.36 1.29 0.00	62.84 0.99 0.00
ALBANY___4 23574	53.14 1.99 0.00	49.65 1.86 0.00	46.58 1.75 0.00	44.18 1.66 0.00	44.50 1.63 0.00	44.96 1.69 0.00	48.01 1.71 0.00	52.18 1.22 0.00	52.05 1.17 0.00	50.47 1.18 0.00	49.40 1.16 0.00	47.68 1.07 0.00	47.27 1.15 0.00	47.10 1.19 0.00	54.80 1.39 0.00	59.42 1.34 0.00	71.04 1.32 0.00	80.59 1.03 0.00	73.80 1.09 0.00	72.22 1.21 0.00	67.81 1.20 0.00	64.65 1.27 0.00	69.36 1.29 0.00	62.84 0.99 0.00
ALBANY___LFGE 323615	53.55 2.40 0.00	49.99 2.20 0.00	46.89 2.06 0.00	44.48 1.96 0.00	44.84 1.97 0.00	45.26 1.99 0.00	48.33 2.03 0.00	52.59 1.63 0.00	52.46 1.58 0.00	50.86 1.58 0.00	49.78 1.54 0.00	48.10 1.49 0.00	47.69 1.57 0.00	47.51 1.61 0.00	55.28 1.87 0.00	59.94 1.86 0.00	71.74 2.02 0.00	81.46 1.91 0.00	74.60 1.89 0.00	72.86 1.84 0.00	68.47 1.86 0.00	65.22 1.84 0.00	69.97 1.90 0.00	63.40 1.55 0.00
ALCOA_PA_115KV_PL-6C 55860	51.86 0.72 0.00	48.36 0.58 0.00	45.37 0.54 0.00	43.04 0.51 0.00	43.34 0.47 0.00	43.75 0.48 0.00	46.90 0.60 0.00	51.52 0.56 0.00	51.44 0.56 0.00	49.92 0.64 0.00	48.82 0.58 0.00	47.12 0.51 0.00	46.58 0.46 0.00	46.37 0.46 0.00	54.10 0.69 0.00	58.78 0.70 0.00	70.70 0.98 0.00	80.82 1.27 0.00	73.73 1.02 0.00	71.94 0.92 0.00	67.67 1.06 0.00	64.33 0.95 0.00	69.15 1.09 0.00	62.97 1.11 0.00
ALCOA_RYNLDS___DRP 24188	51.86 0.72 0.00	48.36 0.57 0.00	45.37 0.54 0.00	43.03 0.51 0.00	43.34 0.47 0.00	43.75 0.48 0.00	46.90 0.60 0.00	51.52 0.56 0.00	51.44 0.56 0.00	49.93 0.64 0.00	48.82 0.58 0.00	47.12 0.51 0.00	46.58 0.46 0.00	46.37 0.46 0.00	54.10 0.69 0.00	58.84 0.76 0.00	70.70 0.98 0.00	80.83 1.27 0.00	73.73 1.02 0.00	71.94 0.92 0.00	67.68 1.07 0.00	64.33 0.95 0.00	69.15 1.09 0.00	62.97 1.11 0.00
ALCOA___DSASP 323711	51.86 0.72 0.00	48.36 0.57 0.00	45.37 0.54 0.00	43.03 0.51 0.00	43.34 0.47 0.00	43.75 0.48 0.00	46.90 0.60 0.00	51.52 0.56 0.00	51.44 0.56 0.00	49.93 0.64 0.00	48.82 0.58 0.00	47.12 0.51 0.00	46.58 0.46 0.00	46.37 0.46 0.00	54.10 0.69 0.00	58.84 0.76 0.00	70.70 0.98 0.00	80.83 1.27 0.00	73.73 1.02 0.00	71.94 0.92 0.00	67.68 1.07 0.00	64.33 0.95 0.00	69.15 1.09 0.00	62.97 1.11 0.00
ALLEGHENY___COGEN 23514	49.87 -1.28 0.00	46.74 -1.05 0.00	43.80 -1.03 0.00	41.46 -1.06 0.00	42.01 -0.86 0.00	42.28 -0.99 0.00	45.09 -1.20 0.00	50.14 -0.82 0.00	52.49 -0.76 -2.38	48.49 -0.79 0.00	47.22 -1.02 0.00	45.44 -1.16 0.00	48.72 -1.38 -3.98	48.76 -1.33 -4.18	64.72 -1.66 -12.96	84.49 -1.39 -27.80	71.61 -0.48 -2.38	80.11 0.56 0.00	73.73 1.02 0.00	72.01 0.99 0.00	67.74 1.13 0.00	64.14 0.76 0.00	69.56 1.50 0.00	64.08 2.22 0.00
ALTAMONT_115KV_TB 2 55880	52.78 1.64 0.00	49.32 1.53 0.00	46.26 1.43 0.00	43.88 1.36 0.00	44.24 1.37 0.00	44.66 1.38 0.00	47.73 1.44 0.00	52.33 1.38 0.00	52.20 1.32 0.00	50.57 1.28 0.00	49.49 1.25 0.00	47.77 1.17 0.00	47.37 1.25 0.00	47.19 1.29 0.00	54.91 1.50 0.00	59.59 1.51 0.00	71.32 1.60 0.00	81.14 1.59 0.00	74.23 1.53 0.00	72.58 1.56 0.00	68.08 1.47 0.00	64.84 1.46 0.00	69.56 1.50 0.00	63.03 1.18 0.00
ALTONA_WT_PWR 323606	50.94 -0.20 0.00	47.50 -0.29 0.00	44.56 -0.27 0.00	42.23 -0.30 0.00	42.48 -0.39 0.00	42.84 -0.43 0.00	45.92 -0.37 0.00	50.45 -0.51 0.00	50.42 -0.46 0.00	48.84 -0.44 0.00	47.80 -0.44 0.00	46.19 -0.42 0.00	45.70 -0.42 0.00	45.49 -0.41 0.00	53.20 -0.21 0.00	57.91 -0.17 0.00	69.86 0.14 0.00	79.87 0.32 0.00	72.85 0.15 0.00	71.09 0.07 0.00	66.88 0.27 0.00	63.44 0.06 0.00	68.13 0.07 0.00	62.04 0.19 0.00
AMERICAN_REF_FUEL 24010	45.37 -5.78 0.00	42.68 -5.11 0.00	40.08 -4.75 0.00	37.89 -4.63 0.00	38.37 -4.50 0.00	38.16 -5.11 0.00	40.18 -6.11 0.00	44.59 -6.37 0.00	43.77 -6.56 0.55	42.73 -6.55 0.00	41.73 -6.51 0.00	40.59 -6.01 0.00	39.59 -5.63 0.90	39.26 -5.69 0.95	43.41 -7.05 2.95	44.06 -7.67 6.35	59.49 -9.69 0.55	69.21 -10.34 0.00	63.69 -9.02 0.00	62.49 -8.52 0.00	58.82 -7.79 0.00	56.15 -7.23 0.00	61.87 -6.19 0.00	58.95 -2.91 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	45.78 -5.37 0.00	43.01 -4.78 0.00	39.58 -5.24 0.00	37.55 -4.98 0.00	37.98 -4.89 0.00	37.56 -5.71 0.00	40.04 -6.25 0.00	44.48 -6.47 0.00	43.86 -6.51 0.50	43.22 -6.06 0.00	42.40 -5.84 0.00	41.20 -5.41 0.00	39.61 -5.67 0.84	39.24 -5.79 0.88	43.15 -7.53 2.73	44.03 -8.19 5.86	61.90 -7.32 0.50	72.55 -7.00 0.00	66.75 -5.96 0.00	65.55 -5.47 0.00	61.75 -4.86 0.00	58.82 -4.56 0.00	64.66 -3.40 0.00	60.49 -1.36 0.00
ARTHUR KILL_GT_1 23520	54.47 3.32 0.00	50.85 3.06 0.00	47.70 2.87 0.00	45.20 2.68 0.00	45.57 2.70 0.00	46.04 2.77 0.00	49.30 3.01 0.00	54.37 3.41 0.00	54.18 3.31 0.00	52.39 3.10 0.00	51.23 2.99 0.00	49.40 2.80 0.00	49.03 2.91 0.00	48.89 2.98 0.00	56.93 3.53 0.00	61.72 3.66 0.02	73.89 4.18 0.02	84.23 4.69 0.02	77.05 4.36 0.02	75.40 4.40 0.02	70.52 3.93 0.02	67.10 3.74 0.02	71.79 3.74 0.02	64.81 2.97 0.02
ARTHUR_KILL_2 23512	54.33 3.17 -0.01	50.71 2.92 -0.01	47.57 2.73 -0.01	45.13 2.59 -0.01	45.49 2.62 -0.01	45.96 2.68 -0.01	49.17 2.87 -0.01	54.23 3.26 -0.01	54.04 3.16 -0.01	52.25 2.96 -0.01	51.09 2.85 -0.01	49.36 2.75 -0.01	48.94 2.81 -0.01	48.76 2.85 -0.01	56.78 3.37 -0.01	61.56 3.48 0.01	73.68 3.97 0.01	84.00 4.45 0.01	76.84 4.14 0.01	75.20 4.19 0.01	70.33 3.73 0.01	66.92 3.55 0.01	71.59 3.54 0.01	64.56 2.72 0.01
ARTHUR_KILL_3 23513	53.96 2.81 0.00	50.37 2.58 0.00	47.20 2.37 0.00	44.82 2.29 0.00	45.18 2.31 0.00	45.61 2.34 0.00	48.89 2.59 0.00	53.91 2.95 0.00	53.77 2.90 0.00	52.09 2.81 0.00	50.94 2.70 0.00	49.26 2.66 0.00	48.84 2.72 0.00	48.71 2.80 0.00	56.61 3.20 0.00	61.33 3.25 0.00	73.14 3.42 0.00	83.21 3.66 0.00	76.13 3.42 0.00	74.57 3.55 0.00	69.81 3.20 0.00	66.48 3.10 0.00	70.85 2.79 0.00	63.96 2.10 0.00

ARTHUR_KILL_COGEN 323718	54.48 3.32 -0.01	50.86 3.06 -0.01	47.71 2.87 -0.01	45.21 2.68 -0.01	45.58 2.70 -0.01	46.05 2.77 -0.01	49.31 3.01 -0.01	54.38 3.41 -0.01	54.19 3.31 -0.01	52.40 3.11 -0.01	51.24 2.99 -0.01	49.50 2.89 -0.01	49.08 2.95 -0.01	48.86 2.94 -0.01	56.94 3.52 -0.01	61.74 3.66 0.01	73.89 4.18 0.01	84.24 4.69 0.01	77.06 4.36 0.01	75.41 4.40 0.01	70.53 3.93 0.01	67.11 3.74 0.01	71.80 3.74 0.01	64.81 2.97 0.01
ASHOKAN____ 23654	54.42 3.28 0.00	50.66 2.87 0.00	47.43 2.60 0.00	45.16 2.64 0.00	45.31 2.44 0.00	45.74 2.47 0.00	48.56 2.27 0.00	53.15 2.19 0.00	52.96 2.09 0.00	51.11 1.82 0.00	49.59 1.35 0.00	47.77 1.17 0.00	47.55 1.43 0.00	47.51 1.61 0.00	55.65 2.24 0.00	60.70 2.62 0.00	73.34 3.62 0.00	84.17 4.61 0.00	76.92 4.22 0.00	74.85 3.83 0.00	70.01 3.40 0.00	66.55 3.17 0.00	70.92 2.86 0.00	63.89 2.04 0.00
ASTORIA_EAST_ENERGY_CC1 323581	54.12 2.97 -0.01	50.52 2.72 -0.01	47.35 2.51 -0.01	44.89 2.38 0.01	45.26 2.40 0.01	45.77 2.51 0.01	49.06 2.78 0.01	54.18 3.21 -0.01	54.09 3.21 -0.01	52.40 3.11 -0.01	51.17 2.94 0.01	49.49 2.89 0.01	49.11 3.00 0.01	48.94 3.03 -0.01	56.87 3.47 0.01	61.63 3.54 -0.01	73.84 4.11 -0.01	84.17 4.61 -0.01	76.93 4.22 -0.01	75.14 4.12 -0.01	70.15 3.53 -0.01	66.74 3.36 -0.01	71.41 3.33 -0.01	64.34 2.48 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	54.12 2.97 -0.01	50.52 2.72 -0.01	47.35 2.51 -0.01	44.89 2.38 0.01	45.26 2.40 0.01	45.77 2.51 0.01	49.06 2.78 0.01	54.18 3.21 -0.01	54.09 3.21 -0.01	52.40 3.11 -0.01	51.17 2.94 0.01	49.49 2.89 0.01	49.11 3.00 0.01	48.94 3.03 -0.01	56.87 3.47 0.01	61.63 3.54 -0.01	73.84 4.11 -0.01	84.17 4.61 -0.01	76.93 4.22 -0.01	75.14 4.12 -0.01	70.15 3.53 -0.01	66.74 3.36 -0.01	71.41 3.33 -0.01	64.34 2.48 -0.01
ASTORIA_GT2_1 24094	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.93 2.42 0.02	45.25 2.40 0.02	45.76 2.51 0.02	49.10 2.82 0.02	54.22 3.26 0.00	54.08 3.21 0.00	52.39 3.10 0.00	51.21 2.99 0.02	49.43 2.84 0.02	49.10 3.00 0.02	48.98 3.08 0.00	56.92 3.53 0.02	61.68 3.60 0.00	73.83 4.11 0.00	84.17 4.61 0.00	76.93 4.22 0.00	75.21 4.19 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.40 3.34 0.00	64.45 2.60 0.00
ASTORIA_GT2_2 24095	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.93 2.42 0.02	45.25 2.40 0.02	45.76 2.51 0.02	49.10 2.82 0.02	54.22 3.26 0.00	54.08 3.21 0.00	52.39 3.10 0.00	51.21 2.99 0.02	49.43 2.84 0.02	49.10 3.00 0.02	48.98 3.08 0.00	56.92 3.53 0.02	61.68 3.60 0.00	73.83 4.11 0.00	84.17 4.61 0.00	76.93 4.22 0.00	75.21 4.19 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.40 3.34 0.00	64.45 2.60 0.00
ASTORIA_GT2_3 24096	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.93 2.42 0.02	45.25 2.40 0.02	45.76 2.51 0.02	49.10 2.82 0.02	54.22 3.26 0.00	54.08 3.21 0.00	52.39 3.10 0.00	51.21 2.99 0.02	49.43 2.84 0.02	49.10 3.00 0.02	48.98 3.08 0.00	56.92 3.53 0.02	61.68 3.60 0.00	73.83 4.11 0.00	84.17 4.61 0.00	76.93 4.22 0.00	75.21 4.19 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.40 3.34 0.00	64.45 2.60 0.00
ASTORIA_GT2_4 24097	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.93 2.42 0.02	45.25 2.40 0.02	45.76 2.51 0.02	49.10 2.82 0.02	54.22 3.26 0.00	54.08 3.21 0.00	52.39 3.10 0.00	51.21 2.99 0.02	49.43 2.84 0.02	49.10 3.00 0.02	48.98 3.08 0.00	56.92 3.53 0.02	61.68 3.60 0.00	73.83 4.11 0.00	84.17 4.61 0.00	76.93 4.22 0.00	75.21 4.19 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.40 3.34 0.00	64.45 2.60 0.00
ASTORIA_GT3_1 24098	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.93 2.42 0.02	45.25 2.40 0.02	45.76 2.51 0.02	49.10 2.82 0.02	54.22 3.26 0.00	54.08 3.21 0.00	52.39 3.10 0.00	51.21 2.99 0.02	49.43 2.84 0.02	49.10 3.00 0.02	48.98 3.08 0.00	56.92 3.53 0.02	61.68 3.60 0.00	73.83 4.11 0.00	84.17 4.61 0.00	76.93 4.22 0.00	75.21 4.19 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.40 3.34 0.00	64.45 2.60 0.00
ASTORIA_GT3_2 24099	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.93 2.42 0.02	45.25 2.40 0.02	45.76 2.51 0.02	49.10 2.82 0.02	54.22 3.26 0.00	54.08 3.21 0.00	52.39 3.10 0.00	51.21 2.99 0.02	49.43 2.84 0.02	49.10 3.00 0.02	48.98 3.08 0.00	56.92 3.53 0.02	61.68 3.60 0.00	73.83 4.11 0.00	84.17 4.61 0.00	76.93 4.22 0.00	75.21 4.19 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.40 3.34 0.00	64.45 2.60 0.00
ASTORIA_GT3_3 24100	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.93 2.42 0.02	45.25 2.40 0.02	45.76 2.51 0.02	49.10 2.82 0.02	54.22 3.26 0.00	54.08 3.21 0.00	52.39 3.10 0.00	51.21 2.99 0.02	49.43 2.84 0.02	49.10 3.00 0.02	48.98 3.08 0.00	56.92 3.53 0.02	61.68 3.60 0.00	73.83 4.11 0.00	84.17 4.61 0.00	76.93 4.22 0.00	75.21 4.19 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.40 3.34 0.00	64.45 2.60 0.00
ASTORIA_GT3_4 24101	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.93 2.42 0.02	45.25 2.40 0.02	45.76 2.51 0.02	49.10 2.82 0.02	54.22 3.26 0.00	54.08 3.21 0.00	52.39 3.10 0.00	51.21 2.99 0.02	49.43 2.84 0.02	49.10 3.00 0.02	48.98 3.08 0.00	56.92 3.53 0.02	61.68 3.60 0.00	73.83 4.11 0.00	84.17 4.61 0.00	76.93 4.22 0.00	75.21 4.19 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.40 3.34 0.00	64.45 2.60 0.00
ASTORIA_GT4_1 24102	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.93 2.42 0.02	45.25 2.40 0.02	45.76 2.51 0.02	49.10 2.82 0.02	54.22 3.26 0.00	54.08 3.21 0.00	52.39 3.10 0.00	51.21 2.99 0.02	49.43 2.84 0.02	49.10 3.00 0.02	48.98 3.08 0.00	56.92 3.53 0.02	61.68 3.60 0.00	73.83 4.11 0.00	84.17 4.61 0.00	76.93 4.22 0.00	75.21 4.19 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.40 3.34 0.00	64.45 2.60 0.00
ASTORIA_GT4_2 24103	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.93 2.42 0.02	45.25 2.40 0.02	45.76 2.51 0.02	49.10 2.82 0.02	54.22 3.26 0.00	54.08 3.21 0.00	52.39 3.10 0.00	51.21 2.99 0.02	49.43 2.84 0.02	49.10 3.00 0.02	48.98 3.08 0.00	56.92 3.53 0.02	61.68 3.60 0.00	73.83 4.11 0.00	84.17 4.61 0.00	76.93 4.22 0.00	75.21 4.19 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.40 3.34 0.00	64.45 2.60 0.00
ASTORIA_GT4_3 24104	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.93 2.42 0.02	45.25 2.40 0.02	45.76 2.51 0.02	49.10 2.82 0.02	54.22 3.26 0.00	54.08 3.21 0.00	52.39 3.10 0.00	51.21 2.99 0.02	49.43 2.84 0.02	49.10 3.00 0.02	48.98 3.08 0.00	56.92 3.53 0.02	61.68 3.60 0.00	73.83 4.11 0.00	84.17 4.61 0.00	76.93 4.22 0.00	75.21 4.19 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.40 3.34 0.00	64.45 2.60 0.00

ASTORIA_GT4_4 24105	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.93 2.42 0.02	45.25 2.40 0.02	45.76 2.51 0.02	49.10 2.82 0.02	54.22 3.26 0.00	54.08 3.21 0.00	52.39 3.10 0.00	51.21 2.99 0.02	49.43 2.84 0.02	49.10 3.00 0.02	48.98 3.08 0.00	56.92 3.53 0.02	61.68 3.60 0.00	73.83 4.11 0.00	84.17 4.61 0.00	76.93 4.22 0.00	75.21 4.19 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.40 3.34 0.00	64.45 2.60 0.00
ASTORIA_GT_1 23523	54.27 3.12 0.00	50.61 2.82 0.00	47.43 2.60 0.00	44.97 2.47 0.02	45.34 2.49 0.02	45.85 2.60 0.02	49.15 2.87 0.02	54.27 3.31 0.00	54.18 3.31 0.00	52.49 3.20 0.00	51.26 3.04 0.02	49.53 2.94 0.02	49.19 3.09 0.02	49.03 3.12 0.00	56.97 3.58 0.02	61.74 3.66 0.00	73.97 4.25 0.00	84.33 4.77 0.00	77.07 4.36 0.00	75.35 4.33 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.53 3.47 0.00	64.57 2.72 0.00
ASTORIA_GT_10 24110	54.47 3.32 0.00	50.85 3.06 0.00	47.65 2.82 0.00	45.20 2.68 0.00	45.57 2.70 0.00	46.04 2.77 0.00	49.30 3.01 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.59 3.30 0.00	51.37 3.14 0.00	49.63 3.03 0.00	49.30 3.18 0.00	49.12 3.21 0.00	57.15 3.74 0.00	61.97 3.89 0.00	73.97 4.25 0.00	84.25 4.69 0.00	77.07 4.36 0.00	75.42 4.40 0.00	70.61 4.00 0.00	67.25 3.87 0.00	71.74 3.68 0.00	64.82 2.97 0.00
ASTORIA_GT_11 24225	54.47 3.32 0.00	50.85 3.06 0.00	47.65 2.82 0.00	45.20 2.68 0.00	45.57 2.70 0.00	46.04 2.77 0.00	49.30 3.01 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.59 3.30 0.00	51.37 3.14 0.00	49.63 3.03 0.00	49.30 3.18 0.00	49.12 3.21 0.00	57.15 3.74 0.00	61.97 3.89 0.00	73.97 4.25 0.00	84.25 4.69 0.00	77.07 4.36 0.00	75.42 4.40 0.00	70.61 4.00 0.00	67.25 3.87 0.00	71.74 3.68 0.00	64.82 2.97 0.00
ASTORIA_GT_12 24226	54.47 3.32 0.00	50.85 3.06 0.00	47.65 2.82 0.00	45.20 2.68 0.00	45.57 2.70 0.00	46.04 2.77 0.00	49.30 3.01 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.59 3.30 0.00	51.37 3.14 0.00	49.63 3.03 0.00	49.30 3.18 0.00	49.12 3.21 0.00	57.15 3.74 0.00	61.97 3.89 0.00	73.97 4.25 0.00	84.25 4.69 0.00	77.07 4.36 0.00	75.42 4.40 0.00	70.61 4.00 0.00	67.25 3.87 0.00	71.74 3.68 0.00	64.82 2.97 0.00
ASTORIA_GT_13 24227	54.47 3.32 0.00	50.85 3.06 0.00	47.65 2.82 0.00	45.20 2.68 0.00	45.57 2.70 0.00	46.04 2.77 0.00	49.30 3.01 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.59 3.30 0.00	51.37 3.14 0.00	49.63 3.03 0.00	49.30 3.18 0.00	49.12 3.21 0.00	57.15 3.74 0.00	61.97 3.89 0.00	73.97 4.25 0.00	84.25 4.69 0.00	77.07 4.36 0.00	75.42 4.40 0.00	70.61 4.00 0.00	67.25 3.87 0.00	71.74 3.68 0.00	64.82 2.97 0.00
ASTORIA_GT_5 24106	54.27 3.12 0.00	50.61 2.82 0.00	47.43 2.60 0.00	44.97 2.47 0.02	45.34 2.49 0.02	45.85 2.60 0.02	49.15 2.87 0.02	54.27 3.31 0.00	54.18 3.31 0.00	52.49 3.20 0.00	51.26 3.04 0.02	49.53 2.94 0.02	49.19 3.09 0.02	49.03 3.12 0.00	56.97 3.58 0.02	61.74 3.66 0.00	73.97 4.25 0.00	84.33 4.77 0.00	77.07 4.36 0.00	75.35 4.33 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.53 3.47 0.00	64.57 2.72 0.00
ASTORIA_GT_7 24107	54.27 3.12 0.00	50.61 2.82 0.00	47.43 2.60 0.00	44.97 2.47 0.02	45.34 2.49 0.02	45.85 2.60 0.02	49.15 2.87 0.02	54.27 3.31 0.00	54.18 3.31 0.00	52.49 3.20 0.00	51.26 3.04 0.02	49.53 2.94 0.02	49.19 3.09 0.02	49.03 3.12 0.00	56.97 3.58 0.02	61.74 3.66 0.00	73.97 4.25 0.00	84.33 4.77 0.00	77.07 4.36 0.00	75.35 4.33 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.53 3.47 0.00	64.57 2.72 0.00
ASTORIA_GT_8 24108	54.27 3.12 0.00	50.61 2.82 0.00	47.43 2.60 0.00	44.97 2.47 0.02	45.34 2.49 0.02	45.85 2.60 0.02	49.15 2.87 0.02	54.27 3.31 0.00	54.18 3.31 0.00	52.49 3.20 0.00	51.26 3.04 0.02	49.53 2.94 0.02	49.19 3.09 0.02	49.03 3.12 0.00	56.97 3.58 0.02	61.74 3.66 0.00	73.97 4.25 0.00	84.33 4.77 0.00	77.07 4.36 0.00	75.35 4.33 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.53 3.47 0.00	64.57 2.72 0.00
ASTORIA___2 24149	54.17 3.02 -0.01	50.52 2.72 -0.01	47.35 2.51 -0.01	44.94 2.42 0.01	45.30 2.44 0.01	45.77 2.51 0.01	49.11 2.82 0.01	54.18 3.21 -0.01	54.09 3.21 -0.01	52.40 3.11 -0.01	51.22 2.99 0.01	49.54 2.94 0.01	49.11 3.00 0.01	48.99 3.08 -0.01	56.93 3.52 0.01	61.63 3.54 -0.01	73.84 4.11 -0.01	84.17 4.61 -0.01	76.93 4.22 -0.01	75.21 4.19 -0.01	70.15 3.53 -0.01	66.81 3.42 -0.01	71.41 3.33 -0.01	64.40 2.54 -0.01
ASTORIA___3 23516	54.48 3.32 -0.01	50.86 3.06 -0.01	47.66 2.83 -0.01	45.21 2.68 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.31 3.01 -0.01	54.38 3.41 -0.01	54.29 3.41 -0.01	52.60 3.30 -0.01	51.38 3.13 -0.01	49.74 3.12 -0.01	49.31 3.18 -0.01	49.13 3.21 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	73.98 4.25 -0.01	84.25 4.69 -0.01	77.08 4.36 -0.01	75.43 4.40 -0.01	70.61 4.00 -0.01	67.25 3.87 -0.01	71.74 3.67 -0.01	64.77 2.91 -0.01
ASTORIA___4 23517	54.47 3.32 0.00	50.85 3.06 0.00	47.65 2.82 0.00	45.20 2.68 0.00	45.57 2.70 0.00	46.04 2.77 0.00	49.30 3.01 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.59 3.30 0.00	51.37 3.14 0.00	49.63 3.03 0.00	49.30 3.18 0.00	49.12 3.21 0.00	57.15 3.74 0.00	61.97 3.89 0.00	73.97 4.25 0.00	84.25 4.69 0.00	77.07 4.36 0.00	75.42 4.40 0.00	70.61 4.00 0.00	67.25 3.87 0.00	71.74 3.68 0.00	64.82 2.97 0.00
ASTORIA___5 23518	54.48 3.32 -0.01	50.86 3.06 -0.01	47.66 2.83 -0.01	45.21 2.68 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.31 3.01 -0.01	54.38 3.41 -0.01	54.29 3.41 -0.01	52.60 3.30 -0.01	51.38 3.13 -0.01	49.74 3.12 -0.01	49.31 3.18 -0.01	49.13 3.21 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	73.98 4.25 -0.01	84.25 4.69 -0.01	77.08 4.36 -0.01	75.43 4.40 -0.01	70.61 4.00 -0.01	67.25 3.87 -0.01	71.74 3.67 -0.01	64.77 2.91 -0.01
AST_ENERGY_2_CC3 323677	42.76 3.02 11.40	42.76 2.72 7.75	42.76 2.51 4.58	42.76 2.38 2.14	42.76 2.40 2.51	42.76 2.42 2.93	42.76 2.64 6.17	42.76 3.01 11.20	42.76 2.95 11.07	42.76 2.86 9.38	50.86 2.70 0.08	49.24 2.66 0.02	48.87 2.77 0.02	48.71 2.80 0.00	50.86 3.26 5.81	50.86 3.37 10.59	51.70 3.62 21.64	65.82 3.90 17.63	58.70 3.63 17.65	57.06 3.76 17.72	52.28 3.40 17.72	50.86 3.36 15.88	53.41 3.07 17.72	50.86 2.41 13.40
AST_ENERGY_2_CC4 323678	42.76 3.02 11.40	42.76 2.72 7.75	42.76 2.51 4.58	42.76 2.38 2.14	42.76 2.40 2.51	42.76 2.42 2.93	42.76 2.64 6.17	42.76 3.01 11.20	42.76 2.95 11.07	42.76 2.86 9.38	50.86 2.70 0.08	49.24 2.66 0.02	48.87 2.77 0.02	48.71 2.80 0.00	50.86 3.26 5.81	50.86 3.37 10.59	51.70 3.62 21.64	65.82 3.90 17.63	58.70 3.63 17.65	57.06 3.76 17.72	52.28 3.40 17.72	50.86 3.36 15.88	53.41 3.07 17.72	50.86 2.41 13.40

ATHENS_STG_1 23668	52.98 1.84 0.00	49.51 1.72 0.00	46.44 1.61 0.00	44.05 1.53 0.00	44.41 1.54 0.00	44.83 1.56 0.00	47.96 1.66 0.00	52.74 1.78 0.00	52.66 1.78 0.00	51.01 1.72 0.00	49.88 1.64 0.00	48.24 1.63 0.00	47.78 1.66 0.00	47.61 1.70 0.00	55.33 1.92 0.00	60.11 2.03 0.00	71.88 2.16 0.00	81.70 2.15 0.00	74.74 2.03 0.00	73.08 2.06 0.00	68.47 1.86 0.00	65.22 1.84 0.00	69.83 1.77 0.00	63.21 1.36 0.00
ATHENS_STG_2 23670	52.98 1.84 0.00	49.51 1.72 0.00	46.44 1.61 0.00	44.05 1.53 0.00	44.41 1.54 0.00	44.83 1.56 0.00	47.96 1.66 0.00	52.74 1.78 0.00	52.66 1.78 0.00	51.01 1.72 0.00	49.88 1.64 0.00	48.24 1.63 0.00	47.78 1.66 0.00	47.61 1.70 0.00	55.33 1.92 0.00	60.11 2.03 0.00	71.88 2.16 0.00	81.70 2.15 0.00	74.74 2.03 0.00	73.08 2.06 0.00	68.47 1.86 0.00	65.22 1.84 0.00	69.83 1.77 0.00	63.21 1.36 0.00
ATHENS_STG_3 23677	52.98 1.84 0.00	49.51 1.72 0.00	46.44 1.61 0.00	44.05 1.53 0.00	44.41 1.54 0.00	44.83 1.56 0.00	47.96 1.66 0.00	52.74 1.78 0.00	52.66 1.78 0.00	51.01 1.72 0.00	49.88 1.64 0.00	48.24 1.63 0.00	47.78 1.66 0.00	47.61 1.70 0.00	55.33 1.92 0.00	60.11 2.03 0.00	71.88 2.16 0.00	81.70 2.15 0.00	74.74 2.03 0.00	73.08 2.06 0.00	68.47 1.86 0.00	65.22 1.84 0.00	69.83 1.77 0.00	63.21 1.36 0.00
AUBURN___LFGE 323710	50.17 -0.97 0.00	47.07 -0.72 0.00	44.07 -0.76 0.00	41.84 -0.68 0.00	42.18 -0.69 0.00	42.58 -0.69 0.00	45.55 -0.74 0.00	50.35 -0.61 0.00	50.37 -0.51 0.00	48.79 -0.49 0.00	47.80 -0.43 0.00	46.23 -0.37 0.00	45.61 -0.51 0.00	45.40 -0.50 0.00	52.66 -0.75 0.00	57.27 -0.81 0.00	69.09 -0.63 0.00	79.16 -0.40 0.00	72.49 -0.22 0.00	70.88 -0.14 0.00	66.41 -0.20 0.00	63.00 -0.38 0.00	67.72 -0.34 0.00	61.60 -0.25 0.00
BABYLON_RES_REC 323704	55.66 4.50 -0.01	51.91 4.11 -0.01	48.55 3.72 0.00	45.88 3.36 0.00	46.38 3.52 0.00	46.77 3.50 0.00	50.29 3.98 -0.01	55.45 4.49 -0.01	55.20 4.32 0.00	53.33 4.04 0.00	52.20 3.96 -0.01	50.48 3.87 -0.01	50.05 3.92 -0.01	49.91 3.99 -0.01	58.07 4.64 -0.02	67.24 4.82 -0.02	107.73 5.64 -0.02	118.63 6.21 -0.02	118.00 5.74 -0.02	114.65 5.75 -0.02	105.35 5.26 -0.02	90.43 5.07 -0.02	73.45 5.38 -0.01	66.37 4.51 -0.01
BALL_HILL_WT_PWR 323825	46.24 -4.91 0.00	43.49 -4.30 0.00	40.53 -4.30 0.00	38.40 -4.12 0.00	38.88 -3.99 0.00	38.56 -4.72 0.00	41.06 -5.23 0.00	45.55 -5.40 0.00	44.80 -5.44 0.63	44.11 -5.17 0.00	43.27 -4.97 0.00	41.99 -4.61 0.00	40.23 -4.84 1.05	39.84 -4.96 1.11	43.46 -6.52 3.43	43.51 -7.20 7.37	62.12 -6.97 0.63	72.71 -6.84 0.00	66.89 -5.82 0.00	65.62 -5.40 0.00	61.75 -4.86 0.00	58.69 -4.69 0.00	64.39 -3.68 0.00	60.31 -1.54 0.00
BARON_WINDS___WT_PWR 323822	47.52 -3.63 0.00	44.68 -3.11 0.00	41.87 -2.96 0.00	39.67 -2.85 0.00	40.12 -2.74 0.00	40.16 -3.12 0.00	42.82 -3.47 0.00	47.39 -3.57 0.00	43.36 -3.56 3.95	45.79 -3.50 0.00	44.81 -3.42 0.00	43.34 -3.26 0.00	36.10 -3.41 6.61	35.51 -3.44 6.95	27.44 -4.43 21.54	7.00 -4.88 46.20	60.82 -4.95 3.95	74.46 -5.09 0.00	68.35 -4.36 0.00	67.04 -3.98 0.00	63.01 -3.60 0.00	59.96 -3.42 0.00	65.21 -2.86 0.00	60.55 -1.30 0.00
BARRETT_IC_1 23704	55.15 3.99 -0.01	51.48 3.68 -0.01	48.23 3.41 0.00	45.59 3.06 0.00	46.08 3.22 0.00	46.47 3.20 0.00	49.92 3.61 -0.01	55.04 4.08 -0.01	54.85 3.97 0.00	53.03 3.74 0.00	51.91 3.66 -0.01	50.20 3.59 -0.01	49.77 3.64 -0.01	49.60 3.67 -0.02	57.60 4.17 -0.02	66.67 4.24 -0.02	106.41 4.32 -0.02	117.36 4.93 -0.02	116.76 4.51 -0.02	113.52 4.61 -0.02	104.29 4.20 -0.02	89.42 4.06 -0.02	72.63 4.56 -0.01	65.70 3.84 -0.01
BARRETT_IC_10 23701	55.15 3.99 -0.01	51.48 3.68 -0.01	48.23 3.41 0.00	45.59 3.06 0.00	46.08 3.22 0.00	46.47 3.20 0.00	49.92 3.61 -0.01	55.04 4.08 -0.01	54.85 3.97 0.00	53.03 3.74 0.00	51.91 3.66 -0.01	50.20 3.59 -0.01	49.77 3.64 -0.01	49.60 3.67 -0.02	57.60 4.17 -0.02	66.67 4.24 -0.02	106.41 4.32 -0.02	117.36 4.93 -0.02	116.76 4.51 -0.02	113.52 4.61 -0.02	104.29 4.20 -0.02	89.42 4.06 -0.02	72.63 4.56 -0.01	65.70 3.84 -0.01
BARRETT_IC_11 23702	55.15 3.99 -0.01	51.48 3.68 -0.01	48.23 3.41 0.00	45.59 3.06 0.00	46.08 3.22 0.00	46.47 3.20 0.00	49.92 3.61 -0.01	55.04 4.08 -0.01	54.85 3.97 0.00	53.03 3.74 0.00	51.91 3.66 -0.01	50.20 3.59 -0.01	49.77 3.64 -0.01	49.60 3.67 -0.02	57.60 4.17 -0.02	66.67 4.24 -0.02	106.41 4.32 -0.02	117.36 4.93 -0.02	116.76 4.51 -0.02	113.52 4.61 -0.02	104.29 4.20 -0.02	89.42 4.06 -0.02	72.63 4.56 -0.01	65.70 3.84 -0.01
BARRETT_IC_12 23703	55.15 3.99 -0.01	51.48 3.68 -0.01	48.23 3.41 0.00	45.59 3.06 0.00	46.08 3.22 0.00	46.47 3.20 0.00	49.92 3.61 -0.01	55.04 4.08 -0.01	54.85 3.97 0.00	53.03 3.74 0.00	51.91 3.66 -0.01	50.20 3.59 -0.01	49.77 3.64 -0.01	49.60 3.67 -0.02	57.60 4.17 -0.02	66.67 4.24 -0.02	106.41 4.32 -0.02	117.36 4.93 -0.02	116.76 4.51 -0.02	113.52 4.61 -0.02	104.29 4.20 -0.02	89.42 4.06 -0.02	72.63 4.56 -0.01	65.70 3.84 -0.01
BARRETT_IC_2 23705	55.15 3.99 -0.01	51.48 3.68 -0.01	48.23 3.41 0.00	45.59 3.06 0.00	46.08 3.22 0.00	46.47 3.20 0.00	49.92 3.61 -0.01	55.04 4.08 -0.01	54.85 3.97 0.00	53.03 3.74 0.00	51.91 3.66 -0.01	50.20 3.59 -0.01	49.77 3.64 -0.01	49.60 3.67 -0.02	57.60 4.17 -0.02	66.67 4.24 -0.02	106.41 4.32 -0.02	117.36 4.93 -0.02	116.76 4.51 -0.02	113.52 4.61 -0.02	104.29 4.20 -0.02	89.42 4.06 -0.02	72.63 4.56 -0.01	65.70 3.84 -0.01
BARRETT_IC_3 23706	55.15 3.99 -0.01	51.48 3.68 -0.01	48.23 3.41 0.00	45.59 3.06 0.00	46.08 3.22 0.00	46.47 3.20 0.00	49.92 3.61 -0.01	55.04 4.08 -0.01	54.85 3.97 0.00	53.03 3.74 0.00	51.91 3.66 -0.01	50.20 3.59 -0.01	49.77 3.64 -0.01	49.60 3.67 -0.02	57.60 4.17 -0.02	66.67 4.24 -0.02	106.41 4.32 -0.02	117.36 4.93 -0.02	116.76 4.51 -0.02	113.52 4.61 -0.02	104.29 4.20 -0.02	89.42 4.06 -0.02	72.63 4.56 -0.01	65.70 3.84 -0.01
BARRETT_IC_4 23707	55.15 3.99 -0.01	51.48 3.68 -0.01	48.23 3.41 0.00	45.59 3.06 0.00	46.08 3.22 0.00	46.47 3.20 0.00	49.92 3.61 -0.01	55.04 4.08 -0.01	54.85 3.97 0.00	53.03 3.74 0.00	51.91 3.66 -0.01	50.20 3.59 -0.01	49.77 3.64 -0.01	49.60 3.67 -0.02	57.60 4.17 -0.02	66.67 4.24 -0.02	106.41 4.32 -0.02	117.36 4.93 -0.02	116.76 4.51 -0.02	113.52 4.61 -0.02	104.29 4.20 -0.02	89.42 4.06 -0.02	72.63 4.56 -0.01	65.70 3.84 -0.01
BARRETT_IC_5 23708	55.15 3.99 -0.01	51.48 3.68 -0.01	48.23 3.41 0.00	45.59 3.06 0.00	46.08 3.22 0.00	46.47 3.20 0.00	49.92 3.61 -0.01	55.04 4.08 -0.01	54.85 3.97 0.00	53.03 3.74 0.00	51.91 3.66 -0.01	50.20 3.59 -0.01	49.77 3.64 -0.01	49.60 3.67 -0.02	57.60 4.17 -0.02	66.67 4.24 -0.02	106.41 4.32 -0.02	117.36 4.93 -0.02	116.76 4.51 -0.02	113.52 4.61 -0.02	104.29 4.20 -0.02	89.42 4.06 -0.02	72.63 4.56 -0.01	65.70 3.84 -0.01

BARRETT_IC_6 23709	55.15 3.99 -0.01	51.48 3.68 -0.01	48.23 3.41 0.00	45.59 3.06 0.00	46.08 3.22 0.00	46.47 3.20 0.00	49.92 3.61 -0.01	55.04 4.08 -0.01	54.85 3.97 0.00	53.03 3.74 0.00	51.91 3.66 -0.01	50.20 3.59 -0.01	49.77 3.64 -0.01	49.60 3.67 -0.02	57.60 4.17 -0.02	66.67 4.24 -4.35	106.41 4.32 -32.37	117.36 4.93 -32.87	116.76 4.51 -39.55	113.52 4.61 -37.89	104.29 4.20 -33.48	89.42 4.06 -21.98	72.63 4.56 -0.01	65.70 3.84 -0.01
BARRETT_IC_7 23710	55.14 3.99 0.00	51.47 3.68 0.00	48.24 3.41 0.00	45.58 3.06 0.00	46.04 3.17 0.00	46.47 3.20 0.00	49.91 3.61 0.00	55.03 4.08 0.00	54.84 3.97 0.00	53.03 3.75 0.00	51.90 3.67 0.00	50.10 3.50 0.00	49.76 3.64 0.00	49.59 3.67 -0.01	57.60 4.17 -0.02	66.67 4.24 -4.35	106.55 4.46 -32.37	117.36 4.93 -32.87	116.76 4.51 -39.55	113.52 4.62 -37.89	104.28 4.20 -33.48	89.42 4.06 -21.98	72.62 4.56 0.00	65.75 3.90 0.00
BARRETT_IC_8 23711	55.15 3.99 -0.01	51.48 3.68 -0.01	48.23 3.41 0.00	45.59 3.06 0.00	46.08 3.22 0.00	46.47 3.20 0.00	49.92 3.61 -0.01	55.04 4.08 -0.01	54.85 3.97 0.00	53.03 3.74 0.00	51.91 3.66 -0.01	50.20 3.59 -0.01	49.77 3.64 -0.01	49.60 3.67 -0.02	57.60 4.17 -0.02	66.67 4.24 -4.35	106.41 4.32 -32.37	117.36 4.93 -32.87	116.76 4.51 -39.55	113.52 4.61 -37.89	104.29 4.20 -33.48	89.42 4.06 -21.98	72.63 4.56 -0.01	65.70 3.84 -0.01
BARRETT_IC_9 23700	55.15 3.99 -0.01	51.48 3.68 -0.01	48.23 3.41 0.00	45.59 3.06 0.00	46.08 3.22 0.00	46.47 3.20 0.00	49.92 3.61 -0.01	55.04 4.08 -0.01	54.85 3.97 0.00	53.03 3.74 0.00	51.91 3.66 -0.01	50.20 3.59 -0.01	49.77 3.64 -0.01	49.60 3.67 -0.02	57.60 4.17 -0.02	66.67 4.24 -4.35	106.41 4.32 -32.37	117.36 4.93 -32.87	116.76 4.51 -39.55	113.52 4.61 -37.89	104.29 4.20 -33.48	89.42 4.06 -21.98	72.63 4.56 -0.01	65.70 3.84 -0.01
BARRETT___1 23545	55.15 3.99 -0.01	51.48 3.68 -0.01	48.23 3.41 0.00	45.59 3.06 0.00	46.08 3.22 0.00	46.47 3.20 0.00	49.92 3.61 -0.01	55.04 4.08 -0.01	54.85 3.97 0.00	53.03 3.74 0.00	51.91 3.66 -0.01	50.20 3.59 -0.01	49.77 3.64 -0.01	49.60 3.67 -0.02	57.60 4.17 -0.02	66.67 4.24 -4.35	106.41 4.32 -32.37	117.36 4.93 -32.87	116.76 4.51 -39.55	113.52 4.61 -37.89	104.29 4.20 -33.48	89.42 4.06 -21.98	72.63 4.56 -0.01	65.70 3.84 -0.01
BARRETT___2 23546	55.15 3.99 -0.01	51.48 3.68 -0.01	48.23 3.41 0.00	45.59 3.06 0.00	46.08 3.22 0.00	46.47 3.20 0.00	49.92 3.61 -0.01	55.04 4.08 -0.01	54.85 3.97 0.00	53.03 3.74 0.00	51.91 3.66 -0.01	50.20 3.59 -0.01	49.77 3.64 -0.01	49.60 3.67 -0.02	57.60 4.17 -0.02	66.67 4.24 -4.35	106.41 4.32 -32.37	117.36 4.93 -32.87	116.76 4.51 -39.55	113.52 4.61 -37.89	104.29 4.20 -33.48	89.42 4.06 -21.98	72.63 4.56 -0.01	65.70 3.84 -0.01
BATAVIA___115KV_TB1 55881	47.31 -3.84 0.00	44.40 -3.39 0.00	41.65 -3.18 0.00	39.46 -3.06 0.00	39.91 -2.96 0.00	39.90 -3.38 0.00	42.22 -4.07 0.00	46.93 -4.03 0.00	46.52 -3.97 0.39	45.39 -3.89 0.00	44.38 -3.86 0.00	43.25 -3.36 0.00	41.87 -3.60 0.65	41.64 -3.58 0.68	46.81 -4.49 2.11	48.71 -4.82 4.55	63.82 -5.51 0.39	74.14 -5.41 0.00	68.20 -4.51 0.00	66.54 -4.47 0.00	62.75 -3.86 0.00	59.64 -3.74 0.00	65.20 -2.86 0.00	60.99 -0.87 0.00
BAYONEEC___CTG1 323682	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.08 2.85 0.00	49.40 2.80 0.00	48.98 2.86 0.00	48.85 2.94 0.00	56.78 3.37 0.00	61.57 3.48 0.00	73.41 3.69 0.00	83.61 4.05 0.00	76.49 3.78 0.00	74.85 3.83 0.00	70.07 3.46 0.00	66.80 3.42 0.00	71.20 3.13 0.00	64.26 2.41 0.00
BAYONEEC___CTG10 323750	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.08 2.85 0.00	49.40 2.80 0.00	48.98 2.86 0.00	48.85 2.94 0.00	56.78 3.37 0.00	61.57 3.48 0.00	73.41 3.69 0.00	83.61 4.05 0.00	76.49 3.78 0.00	74.85 3.83 0.00	70.07 3.46 0.00	66.80 3.42 0.00	71.20 3.13 0.00	64.26 2.41 0.00
BAYONEEC___CTG2 323683	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.08 2.85 0.00	49.40 2.80 0.00	48.98 2.86 0.00	48.85 2.94 0.00	56.78 3.37 0.00	61.57 3.48 0.00	73.41 3.69 0.00	83.61 4.05 0.00	76.49 3.78 0.00	74.85 3.83 0.00	70.07 3.46 0.00	66.80 3.42 0.00	71.20 3.13 0.00	64.26 2.41 0.00
BAYONEEC___CTG3 323684	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.08 2.85 0.00	49.40 2.80 0.00	48.98 2.86 0.00	48.85 2.94 0.00	56.78 3.37 0.00	61.57 3.48 0.00	73.41 3.69 0.00	83.61 4.05 0.00	76.49 3.78 0.00	74.85 3.83 0.00	70.07 3.46 0.00	66.80 3.42 0.00	71.20 3.13 0.00	64.26 2.41 0.00
BAYONEEC___CTG4 323685	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.08 2.85 0.00	49.40 2.80 0.00	48.98 2.86 0.00	48.85 2.94 0.00	56.78 3.37 0.00	61.57 3.48 0.00	73.41 3.69 0.00	83.61 4.05 0.00	76.49 3.78 0.00	74.85 3.83 0.00	70.07 3.46 0.00	66.80 3.42 0.00	71.20 3.13 0.00	64.26 2.41 0.00
BAYONEEC___CTG5 323686	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.08 2.85 0.00	49.40 2.80 0.00	48.98 2.86 0.00	48.85 2.94 0.00	56.78 3.37 0.00	61.57 3.48 0.00	73.41 3.69 0.00	83.61 4.05 0.00	76.49 3.78 0.00	74.85 3.83 0.00	70.07 3.46 0.00	66.80 3.42 0.00	71.20 3.13 0.00	64.26 2.41 0.00
BAYONEEC___CTG6 323687	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.08 2.85 0.00	49.40 2.80 0.00	48.98 2.86 0.00	48.85 2.94 0.00	56.78 3.37 0.00	61.57 3.48 0.00	73.41 3.69 0.00	83.61 4.05 0.00	76.49 3.78 0.00	74.85 3.83 0.00	70.07 3.46 0.00	66.80 3.42 0.00	71.20 3.13 0.00	64.26 2.41 0.00
BAYONEEC___CTG7 323688	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.08 2.85 0.00	49.40 2.80 0.00	48.98 2.86 0.00	48.85 2.94 0.00	56.78 3.37 0.00	61.57 3.48 0.00	73.41 3.69 0.00	83.61 4.05 0.00	76.49 3.78 0.00	74.85 3.83 0.00	70.07 3.46 0.00	66.80 3.42 0.00	71.20 3.13 0.00	64.26 2.41 0.00

BAYONEEC___CTG8 323689	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.08 2.85 0.00	49.40 2.80 0.00	48.98 2.86 0.00	48.85 2.94 0.00	56.78 3.37 0.00	61.57 3.48 0.00	73.41 3.69 0.00	83.61 4.05 0.00	76.49 3.78 0.00	74.85 3.83 0.00	70.07 3.46 0.00	66.80 3.42 0.00	71.20 3.13 0.00	64.26 2.41 0.00
BAYONEEC___CTG9 323749	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.08 2.85 0.00	49.40 2.80 0.00	48.98 2.86 0.00	48.85 2.94 0.00	56.78 3.37 0.00	61.57 3.48 0.00	73.41 3.69 0.00	83.61 4.05 0.00	76.49 3.78 0.00	74.85 3.83 0.00	70.07 3.46 0.00	66.80 3.42 0.00	71.20 3.13 0.00	64.26 2.41 0.00
BEACON___LESR 323632	53.86 2.71 0.00	50.27 2.48 0.00	47.16 2.33 0.00	44.73 2.21 0.00	45.10 2.23 0.00	45.56 2.29 0.00	48.66 2.36 0.00	53.00 2.04 0.00	52.86 1.98 0.00	51.26 1.97 0.00	50.12 1.88 0.00	48.38 1.77 0.00	47.97 1.85 0.00	47.79 1.88 0.00	55.65 2.24 0.00	60.41 2.33 0.00	72.37 2.65 0.00	82.26 2.71 0.00	75.32 2.61 0.00	73.57 2.55 0.00	69.08 2.47 0.00	65.79 2.41 0.00	70.58 2.52 0.00	63.89 2.04 0.00
BEAVER RIVER___HYD 24048	51.20 0.05 0.00	47.93 0.14 0.00	45.05 0.23 0.00	42.57 0.04 0.00	42.78 -0.09 0.00	43.14 -0.13 0.00	46.11 -0.18 0.00	50.96 0.00 0.00	50.88 0.00 0.00	49.43 0.15 0.00	48.48 0.24 0.00	46.84 0.23 0.00	46.35 0.23 0.00	46.23 0.32 0.00	53.68 0.27 0.00	58.43 0.35 0.00	70.56 0.84 0.00	80.67 1.11 0.00	73.58 0.88 0.00	71.73 0.71 0.00	67.47 0.86 0.00	64.33 0.95 0.00	69.09 1.02 0.00	63.46 1.61 0.00
BEEBEE_GT_13 23619	48.03 -3.12 0.00	45.02 -2.77 0.00	42.18 -2.64 0.00	39.97 -2.55 0.00	40.38 -2.49 0.00	40.59 -2.68 0.00	43.24 -3.06 0.00	47.95 -3.01 0.00	47.87 -3.00 0.00	46.62 -2.66 0.00	45.63 -2.60 0.00	44.37 -2.24 0.00	43.45 -2.67 0.00	43.29 -2.62 0.00	50.21 -3.20 0.00	54.66 -3.43 0.00	65.96 -3.76 0.00	75.81 -3.74 0.00	69.58 -3.13 0.00	67.96 -3.05 0.00	63.95 -2.66 0.00	60.72 -2.66 0.00	65.82 -2.25 0.00	60.55 -1.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	54.73 3.58 0.00	51.04 3.25 0.00	47.88 3.05 0.00	45.37 2.85 0.00	45.74 2.87 0.00	46.21 2.94 0.00	49.49 3.19 0.00	54.63 3.67 0.00	54.49 3.61 0.00	52.74 3.45 0.00	51.57 3.33 0.00	49.77 3.17 0.00	49.44 3.32 0.00	49.26 3.35 0.00	57.36 3.95 0.00	62.26 4.18 0.00	74.46 4.74 0.00	84.88 5.33 0.00	77.65 4.94 0.00	75.99 4.97 0.00	71.14 4.53 0.00	67.69 4.31 0.00	72.35 4.29 0.00	65.32 3.46 0.00
BETHLEHEM___GRP 23843	53.14 1.99 0.00	49.65 1.86 0.00	46.58 1.75 0.00	44.18 1.66 0.00	44.50 1.63 0.00	44.96 1.69 0.00	48.01 1.71 0.00	52.18 1.22 0.00	52.05 1.17 0.00	50.47 1.18 0.00	49.40 1.16 0.00	47.68 1.07 0.00	47.27 1.15 0.00	47.10 1.19 0.00	54.80 1.39 0.00	59.42 1.34 0.00	71.04 1.32 0.00	80.59 1.03 0.00	73.80 1.09 0.00	72.22 1.21 0.00	67.81 1.20 0.00	64.65 1.27 0.00	69.36 1.29 0.00	62.84 0.99 0.00
BETHLEHEM___GS1 323560	53.14 1.99 0.00	49.65 1.86 0.00	46.58 1.75 0.00	44.18 1.66 0.00	44.50 1.63 0.00	44.96 1.69 0.00	48.01 1.71 0.00	52.18 1.22 0.00	52.05 1.17 0.00	50.47 1.18 0.00	49.39 1.16 0.00	47.72 1.12 0.00	47.27 1.15 0.00	47.10 1.19 0.00	54.80 1.39 0.00	59.42 1.34 0.00	71.04 1.32 0.00	80.58 1.03 0.00	73.80 1.09 0.00	72.15 1.13 0.00	67.81 1.20 0.00	64.65 1.27 0.00	69.35 1.29 0.00	62.78 0.93 0.00
BETHLEHEM___GS2 323561	53.14 1.99 0.00	49.65 1.86 0.00	46.58 1.75 0.00	44.18 1.66 0.00	44.50 1.63 0.00	44.96 1.69 0.00	48.01 1.71 0.00	52.18 1.22 0.00	52.05 1.17 0.00	50.47 1.18 0.00	49.39 1.16 0.00	47.72 1.12 0.00	47.27 1.15 0.00	47.10 1.19 0.00	54.80 1.39 0.00	59.42 1.34 0.00	71.04 1.32 0.00	80.58 1.03 0.00	73.80 1.09 0.00	72.15 1.13 0.00	67.81 1.20 0.00	64.65 1.27 0.00	69.35 1.29 0.00	62.78 0.93 0.00
BETHLEHEM___GS3 323562	53.14 1.99 0.00	49.65 1.86 0.00	46.58 1.75 0.00	44.18 1.66 0.00	44.50 1.63 0.00	44.96 1.69 0.00	48.01 1.71 0.00	52.18 1.22 0.00	52.05 1.17 0.00	50.47 1.18 0.00	49.39 1.16 0.00	47.72 1.12 0.00	47.27 1.15 0.00	47.10 1.19 0.00	54.80 1.39 0.00	59.42 1.34 0.00	71.04 1.32 0.00	80.58 1.03 0.00	73.80 1.09 0.00	72.15 1.13 0.00	67.81 1.20 0.00	64.65 1.27 0.00	69.35 1.29 0.00	62.78 0.93 0.00
BETHLEHEM___STEEL 23779	46.13 -5.01 0.00	43.39 -4.40 0.00	40.66 -4.17 0.00	38.57 -3.95 0.00	38.92 -3.94 0.00	38.68 -4.59 0.00	41.11 -5.19 0.00	45.56 -5.40 0.00	44.65 -5.55 0.68	44.01 -5.27 0.00	43.08 -5.16 0.00	42.13 -4.47 0.00	40.09 -4.89 1.14	39.71 -5.00 1.20	43.13 -6.57 3.71	42.80 -7.32 7.97	61.37 -7.67 0.68	71.60 -7.96 0.00	65.87 -6.83 0.00	64.63 -6.39 0.00	60.88 -5.73 0.00	57.99 -5.39 0.00	63.78 -4.29 0.00	59.81 -2.04 0.00
BETHLHEM_115KV_TB1 79974	53.09 1.94 0.00	49.56 1.77 0.00	46.49 1.66 0.00	44.14 1.62 0.00	44.45 1.59 0.00	44.92 1.64 0.00	47.96 1.67 0.00	52.23 1.27 0.00	52.10 1.22 0.00	50.52 1.23 0.00	49.44 1.21 0.00	47.72 1.12 0.00	47.32 1.20 0.00	47.15 1.24 0.00	54.80 1.39 0.00	59.48 1.39 0.00	71.11 1.39 0.00	80.75 1.19 0.00	73.94 1.24 0.00	72.30 1.28 0.00	67.88 1.27 0.00	64.71 1.33 0.00	69.42 1.36 0.00	62.90 1.05 0.00
BETHPAGE_CC_5 323564	55.19 4.04 -0.01	51.53 3.73 -0.01	48.28 3.45 0.00	45.63 3.10 0.00	46.12 3.26 0.00	46.52 3.25 0.00	49.96 3.66 -0.01	55.04 4.08 -0.01	54.85 3.97 0.00	52.98 3.70 0.00	51.91 3.66 -0.01	50.25 3.64 -0.01	49.82 3.69 -0.01	49.63 3.72 -0.01	57.70 4.27 -0.02	66.66 4.24 -4.34	106.89 4.81 -32.37	117.67 5.25 -32.87	117.13 4.87 -39.55	113.80 4.90 -37.89	104.55 4.46 -33.48	89.67 4.31 -21.98	72.63 4.56 -0.01	65.76 3.90 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	46.24 -4.91 0.00	43.44 -4.35 0.00	40.75 -4.08 0.00	38.65 -3.87 0.00	39.05 -3.82 0.00	38.77 -4.50 0.00	41.20 -5.09 0.00	45.66 -5.30 0.00	44.79 -5.44 0.64	44.11 -5.17 0.00	43.22 -5.02 0.00	42.27 -4.33 0.00	40.25 -4.80 1.07	39.87 -4.91 1.13	43.40 -6.52 3.50	43.26 -7.32 7.51	61.55 -7.53 0.64	71.84 -7.72 0.00	66.09 -6.62 0.00	64.77 -6.25 0.00	61.01 -5.60 0.00	58.18 -5.20 0.00	63.91 -4.15 0.00	60.00 -1.86 0.00
BINGHAMTON___COGEN 23790	50.17 -0.97 0.00	47.02 -0.76 0.00	44.11 -0.72 0.00	41.84 -0.68 0.00	42.18 -0.69 0.00	42.49 -0.78 0.00	45.42 -0.88 0.00	50.19 -0.76 0.00	50.11 -0.76 0.00	48.55 -0.74 0.00	47.56 -0.68 0.00	46.00 -0.61 0.00	45.43 -0.69 0.00	45.17 -0.73 0.00	52.34 -1.07 0.00	56.86 -1.22 0.00	68.67 -1.05 0.00	78.68 -0.88 0.00	71.98 -0.73 0.00	70.45 -0.57 0.00	66.08 -0.53 0.00	62.81 -0.57 0.00	67.59 -0.48 0.00	61.73 -0.12 0.00

BIXINCNT_115KV_LOAD 355685	45.01 -6.14 0.00	42.25 -5.54 0.00	39.67 -5.16 0.00	37.55 -4.98 0.00	38.07 -4.80 0.00	37.56 -5.71 0.00	40.05 -6.25 0.00	44.38 -6.57 0.00	43.83 -6.61 0.43	43.08 -6.21 0.00	42.45 -5.79 0.00	41.34 -5.27 0.00	39.83 -5.58 0.71	39.37 -5.78 0.75	43.34 -7.74 2.33	44.31 -8.77 5.00	60.72 -8.58 0.43	70.33 -9.23 0.00	64.64 -8.07 0.00	63.70 -7.31 0.00	60.02 -6.59 0.00	57.36 -6.02 0.00	63.37 -4.70 0.00	59.87 -1.98 0.00
BLACK RIVER___HYD 24047	51.55 0.41 0.00	48.32 0.53 0.00	45.50 0.67 0.00	42.90 0.38 0.00	43.08 0.22 0.00	43.49 0.22 0.00	46.53 0.23 0.00	51.52 0.56 0.00	51.44 0.56 0.00	50.03 0.74 0.00	49.01 0.77 0.00	47.26 0.65 0.00	46.86 0.74 0.00	46.69 0.78 0.00	54.16 0.75 0.00	59.18 1.10 0.00	71.88 2.16 0.00	82.17 2.62 0.00	74.96 2.26 0.00	73.08 2.06 0.00	68.74 2.13 0.00	65.47 2.09 0.00	70.10 2.04 0.00	64.14 2.29 0.00
BLACKRVR_115KV_TB2 79977	51.56 0.41 0.00	48.31 0.53 0.00	45.50 0.67 0.00	42.91 0.38 0.00	43.08 0.21 0.00	43.49 0.22 0.00	46.53 0.23 0.00	51.52 0.56 0.00	51.44 0.56 0.00	50.02 0.74 0.00	49.01 0.77 0.00	47.30 0.70 0.00	46.86 0.74 0.00	46.64 0.73 0.00	54.16 0.75 0.00	59.19 1.10 0.00	71.88 2.16 0.00	82.18 2.63 0.00	74.96 2.25 0.00	73.08 2.06 0.00	68.74 2.13 0.00	65.47 2.09 0.00	70.11 2.04 0.00	64.14 2.29 0.00
BLDWN_LI_69_KV_BK4 356085	55.39 4.25 0.00	51.71 3.92 0.00	48.42 3.59 0.00	45.71 3.19 0.00	46.21 3.34 0.00	46.65 3.38 0.00	50.09 3.80 0.00	55.24 4.28 0.00	55.05 4.17 0.00	53.18 3.89 0.00	52.10 3.86 0.00	50.33 3.73 0.00	49.95 3.83 0.00	49.81 3.90 0.00	57.86 4.43 -0.02	67.01 4.59 -4.34	107.04 4.95 -32.37	117.91 5.49 -32.87	117.34 5.09 -39.55	114.02 5.11 -37.89	104.88 4.80 -33.48	89.99 4.63 -21.98	73.03 4.97 0.00	66.06 4.21 0.00
BLISS_WT_PWR 323608	44.50 -6.65 0.00	41.77 -6.02 0.00	39.22 -5.61 0.00	37.08 -5.44 0.00	37.72 -5.15 0.00	37.08 -6.19 0.00	39.53 -6.76 0.00	43.88 -7.08 0.00	43.28 -7.17 0.43	42.58 -6.70 0.00	42.02 -6.22 0.00	40.64 -5.97 0.00	39.41 -5.99 0.71	39.01 -6.15 0.75	42.91 -8.17 2.33	43.84 -9.24 5.00	60.16 -9.13 0.43	69.61 -9.95 0.00	63.98 -8.73 0.00	63.13 -7.89 0.00	59.41 -7.20 0.00	56.98 -6.40 0.00	63.03 -5.04 0.00	59.87 -1.98 0.00
BLUESTONE___WT_PWR 323821	52.01 0.87 0.00	48.89 1.10 0.00	45.99 1.16 0.00	43.46 0.93 0.00	43.68 0.81 0.00	44.05 0.78 0.00	47.08 0.79 0.00	52.23 1.27 0.00	52.05 1.17 0.00	50.42 1.13 0.00	49.30 1.06 0.00	47.54 0.93 0.00	47.04 0.92 0.00	46.82 0.92 0.00	55.07 1.66 0.00	60.06 1.98 0.00	73.00 3.28 0.00	83.53 3.98 0.00	76.34 3.63 0.00	74.64 3.62 0.00	70.07 3.46 0.00	65.54 2.16 0.00	70.24 2.18 0.00	64.20 2.35 0.00
BLUE_CIRC_CHEM_DRP 24182	53.29 2.15 0.00	49.80 2.01 0.00	46.71 1.88 0.00	44.31 1.79 0.00	44.63 1.76 0.00	45.09 1.82 0.00	48.15 1.85 0.00	52.64 1.68 0.00	52.45 1.58 0.00	50.76 1.48 0.00	49.64 1.40 0.00	47.91 1.30 0.00	47.50 1.38 0.00	47.38 1.47 0.00	55.17 1.76 0.00	60.00 1.92 0.00	71.81 2.09 0.00	81.70 2.15 0.00	74.82 2.11 0.00	73.15 2.13 0.00	68.61 2.00 0.00	65.34 1.96 0.00	70.11 2.04 0.00	63.58 1.73 0.00
BOC_GAS_DRP 24189	52.73 1.59 0.00	49.27 1.48 0.00	46.22 1.39 0.00	43.84 1.32 0.00	44.15 1.29 0.00	44.61 1.34 0.00	47.68 1.39 0.00	52.23 1.27 0.00	52.15 1.27 0.00	50.52 1.23 0.00	49.44 1.21 0.00	47.72 1.12 0.00	47.32 1.20 0.00	47.15 1.24 0.00	54.80 1.39 0.00	59.53 1.45 0.00	71.25 1.53 0.00	80.99 1.43 0.00	74.09 1.38 0.00	72.44 1.42 0.00	67.94 1.33 0.00	64.71 1.33 0.00	69.42 1.36 0.00	62.90 1.05 0.00
BOONVILLE_115KV_TB1 79983	51.71 0.56 0.00	48.41 0.62 0.00	45.50 0.67 0.00	43.03 0.51 0.00	43.30 0.43 0.00	43.70 0.43 0.00	46.76 0.46 0.00	51.67 0.71 0.00	51.59 0.71 0.00	50.02 0.74 0.00	49.01 0.77 0.00	47.30 0.70 0.00	46.86 0.74 0.00	46.64 0.73 0.00	54.21 0.80 0.00	59.01 0.93 0.00	71.18 1.46 0.00	81.22 1.67 0.00	74.23 1.53 0.00	72.44 1.42 0.00	68.01 1.40 0.00	64.77 1.39 0.00	69.42 1.36 0.00	63.52 1.67 0.00
BORALEX_4TH_BRANCH 23824	54.27 3.12 0.00	50.66 2.87 0.00	47.52 2.69 0.00	45.07 2.55 0.00	45.44 2.57 0.00	45.87 2.60 0.00	49.07 2.78 0.00	53.96 3.01 0.00	53.88 3.00 0.00	52.19 2.91 0.00	51.08 2.85 0.00	49.36 2.75 0.00	48.93 2.81 0.00	48.75 2.85 0.00	56.67 3.26 0.00	61.57 3.48 0.00	73.76 4.04 0.00	84.01 4.45 0.00	76.85 4.14 0.00	75.14 4.12 0.00	70.34 3.73 0.00	66.93 3.55 0.00	71.87 3.81 0.00	64.94 3.09 0.00
BOWLINE___1 23526	53.45 2.30 0.00	49.89 2.10 0.00	46.80 1.97 0.00	44.48 1.96 0.00	44.84 1.97 0.00	45.26 1.99 0.00	48.43 2.13 0.00	53.35 2.40 0.00	53.22 2.34 0.00	51.55 2.27 0.00	50.41 2.17 0.00	48.75 2.15 0.00	48.33 2.21 0.00	48.16 2.25 0.00	55.97 2.56 0.00	60.70 2.62 0.00	72.58 2.86 0.00	82.65 3.10 0.00	75.54 2.83 0.00	73.93 2.91 0.00	69.21 2.60 0.00	65.92 2.54 0.00	70.38 2.32 0.00	63.58 1.73 0.00
BOWLINE___2 23595	53.39 2.25 0.00	49.84 2.05 0.00	46.80 1.97 0.00	44.48 1.96 0.00	44.84 1.97 0.00	45.26 1.99 0.00	48.43 2.13 0.00	53.30 2.35 0.00	53.17 2.29 0.00	51.51 2.22 0.00	50.36 2.12 0.00	48.75 2.15 0.00	48.29 2.17 0.00	48.11 2.20 0.00	55.92 2.51 0.00	60.58 2.50 0.00	72.51 2.79 0.00	82.50 2.95 0.00	75.47 2.76 0.00	73.78 2.77 0.00	69.08 2.47 0.00	65.79 2.41 0.00	70.31 2.24 0.00	63.46 1.61 0.00
BRADY___115KV_TB2 356060	52.32 1.18 0.00	48.79 1.00 0.00	45.77 0.94 0.00	43.37 0.85 0.00	43.68 0.81 0.00	44.09 0.82 0.00	47.27 0.97 0.00	51.98 1.02 0.00	51.84 0.97 0.00	50.32 1.03 0.00	49.16 0.92 0.00	47.44 0.84 0.00	46.90 0.78 0.00	46.69 0.78 0.00	54.53 1.12 0.00	59.30 1.22 0.00	71.46 1.74 0.00	81.70 2.15 0.00	74.53 1.82 0.00	72.72 1.70 0.00	68.48 1.87 0.00	65.09 1.71 0.00	69.90 1.84 0.00	63.71 1.86 0.00
BRANSCOMB___SOLAR 323811	53.70 2.56 0.00	50.13 2.34 0.00	47.11 2.29 0.00	44.69 2.17 0.00	45.01 2.14 0.00	45.48 2.21 0.00	48.52 2.22 0.00	53.30 2.35 0.00	53.22 2.34 0.00	51.45 2.17 0.00	50.31 2.07 0.00	48.56 1.96 0.00	48.15 2.03 0.00	47.92 2.02 0.00	55.87 2.46 0.00	60.81 2.73 0.00	73.07 3.35 0.00	83.29 3.74 0.00	76.27 3.56 0.00	74.50 3.48 0.00	69.74 3.13 0.00	66.36 2.98 0.00	71.26 3.20 0.00	64.51 2.66 0.00
BRDGHMPT_69_KV_BK1 55812	57.33 6.19 0.00	53.52 5.73 0.00	49.98 5.16 0.00	47.12 4.59 0.00	47.67 4.80 0.00	48.07 4.80 0.00	51.71 5.42 0.00	57.07 6.11 0.00	56.73 5.85 0.00	54.66 5.37 0.00	53.54 5.31 0.00	51.64 5.03 0.00	51.24 5.12 0.00	51.14 5.23 0.00	59.57 6.14 -0.02	69.04 6.62 -4.34	110.24 8.16 -32.37	121.81 9.39 -32.87	120.91 8.65 -39.55	117.50 8.59 -37.89	107.81 7.73 -33.48	92.84 7.48 -21.98	75.82 7.76 0.00	68.59 6.74 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	56.11 4.96 0.00	52.33 4.54 0.00	48.95 4.12 0.00	46.18 3.66 0.00	46.73 3.86 0.00	47.17 3.89 0.00	50.65 4.35 0.00	55.90 4.94 0.00	55.66 4.78 0.00	53.72 4.44 0.00	52.58 4.34 0.00	50.80 4.19 0.00	50.41 4.29 0.00	50.27 4.36 0.00	58.50 5.07 -0.02	67.82 5.40 -4.34	108.43 6.34 -32.37	119.43 7.00 -32.87	118.65 6.40 -39.55	115.37 6.46 -37.89	105.95 5.86 -33.48	91.00 5.64 -21.98	74.12 6.06 0.00	66.92 5.07 0.00
BRISTLHL_115KV_TB1 79998	49.36 -1.79 0.00	46.21 -1.58 0.00	43.35 -1.48 0.00	41.12 -1.40 0.00	41.45 -1.41 0.00	41.80 -1.47 0.00	44.72 -1.57 0.00	49.38 -1.58 0.00	49.40 -1.48 0.00	47.81 -1.48 0.00	46.84 -1.40 0.00	45.30 -1.30 0.00	44.78 -1.34 0.00	44.58 -1.33 0.00	51.70 -1.71 0.00	56.22 -1.86 0.00	67.63 -2.09 0.00	77.33 -2.23 0.00	70.74 -1.96 0.00	69.17 -1.85 0.00	64.88 -1.73 0.00	61.61 -1.77 0.00	66.23 -1.84 0.00	60.24 -1.61 0.00
BROOKHAVEN___DRP 24191	56.16 5.01 0.00	52.42 4.64 0.00	49.00 4.17 0.00	46.22 3.70 0.00	46.73 3.86 0.00	47.17 3.89 0.00	50.69 4.40 0.00	55.95 4.99 0.00	55.66 4.78 0.00	53.67 4.39 0.00	52.53 4.29 0.00	50.75 4.15 0.00	50.36 4.24 0.00	50.22 4.32 0.00	58.50 5.07 -0.02	67.82 5.40 -4.34	108.57 6.48 -32.37	119.74 7.32 -32.87	118.94 6.69 -39.55	115.58 6.68 -37.89	106.08 5.99 -33.48	91.26 5.89 -21.98	74.26 6.19 0.00	67.11 5.26 0.00
BROOKLYN_NAVY_YARD 23515	54.06 2.91 0.00	50.42 2.63 0.00	47.25 2.42 0.00	44.82 2.29 0.00	45.18 2.31 0.00	45.65 2.38 0.00	48.98 2.68 0.00	54.07 3.11 0.00	53.98 3.10 0.00	52.29 3.01 0.00	51.04 2.80 0.00	49.35 2.75 0.00	48.98 2.86 0.00	48.80 2.89 0.00	56.78 3.37 0.00	61.63 3.54 0.00	73.48 3.76 0.00	83.61 4.05 0.00	76.49 3.78 0.00	74.92 3.90 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.20 3.13 0.00	64.26 2.41 0.00
BROOKLYN___ARMY_DRP 323595	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
BROOME_2_LFGE 323671	50.17 -0.97 0.00	47.02 -0.77 0.00	44.11 -0.72 0.00	41.84 -0.68 0.00	42.23 -0.64 0.00	42.49 -0.78 0.00	45.41 -0.88 0.00	50.19 -0.76 0.00	50.11 -0.76 0.00	48.55 -0.74 0.00	47.56 -0.68 0.00	45.95 -0.65 0.00	45.43 -0.69 0.00	45.17 -0.74 0.00	52.34 -1.07 0.00	56.86 -1.22 0.00	68.68 -1.04 0.00	78.68 -0.87 0.00	71.98 -0.73 0.00	70.45 -0.57 0.00	66.07 -0.54 0.00	62.81 -0.57 0.00	67.59 -0.47 0.00	61.79 -0.06 0.00
BROOME___LFGE 323600	50.17 -0.97 0.00	47.02 -0.77 0.00	44.11 -0.72 0.00	41.84 -0.68 0.00	42.23 -0.64 0.00	42.49 -0.78 0.00	45.41 -0.88 0.00	50.19 -0.76 0.00	50.11 -0.76 0.00	48.55 -0.74 0.00	47.56 -0.68 0.00	45.95 -0.65 0.00	45.43 -0.69 0.00	45.17 -0.74 0.00	52.34 -1.07 0.00	56.86 -1.22 0.00	68.68 -1.04 0.00	78.68 -0.87 0.00	71.98 -0.73 0.00	70.45 -0.57 0.00	66.07 -0.54 0.00	62.81 -0.57 0.00	67.59 -0.47 0.00	61.79 -0.06 0.00
BROWNFLS_115KV_TB 3_5 80003	51.35 0.20 0.00	47.98 0.19 0.00	45.10 0.27 0.00	42.65 0.13 0.00	42.91 0.04 0.00	43.18 -0.09 0.00	46.25 -0.05 0.00	50.96 0.00 0.00	50.88 0.00 0.00	49.43 0.15 0.00	48.43 0.19 0.00	46.84 0.23 0.00	46.35 0.23 0.00	46.14 0.23 0.00	53.73 0.32 0.00	58.43 0.35 0.00	70.28 0.56 0.00	80.27 0.72 0.00	73.29 0.58 0.00	71.44 0.43 0.00	67.34 0.73 0.00	64.08 0.70 0.00	69.02 0.95 0.00	63.15 1.30 0.00
BROWNSV1_27_KV_LOAD 356125	54.57 3.43 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.04 2.77 0.00	49.35 3.06 0.00	54.47 3.52 0.00	54.34 3.46 0.00	52.64 3.35 0.00	51.42 3.18 0.00	49.68 3.08 0.00	49.35 3.23 0.00	49.21 3.31 0.00	57.26 3.85 0.00	62.09 4.01 0.00	74.11 4.39 0.00	84.41 4.85 0.00	77.22 4.51 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.44 4.06 0.00	71.87 3.81 0.00	64.94 3.09 0.00
BURROWS___LYONSDAL 23803	51.50 0.36 0.00	48.22 0.43 0.00	45.32 0.49 0.00	42.86 0.34 0.00	43.12 0.26 0.00	43.53 0.26 0.00	46.57 0.28 0.00	51.42 0.46 0.00	51.33 0.46 0.00	49.83 0.54 0.00	48.82 0.58 0.00	47.12 0.51 0.00	46.67 0.55 0.00	46.46 0.55 0.00	54.00 0.59 0.00	58.84 0.76 0.00	70.91 1.19 0.00	80.99 1.43 0.00	73.94 1.24 0.00	72.15 1.14 0.00	67.81 1.20 0.00	64.52 1.14 0.00	69.22 1.16 0.00	63.46 1.61 0.00
CAITHNESS_CC_1 323624	56.02 4.86 -0.01	52.24 4.45 -0.01	48.82 3.99 0.00	46.10 3.57 0.00	46.64 3.77 0.00	47.03 3.76 0.00	50.56 4.26 -0.01	55.81 4.84 -0.01	55.51 4.63 0.00	53.52 4.24 0.00	52.44 4.19 -0.01	50.67 4.05 -0.01	50.23 4.10 -0.01	50.09 4.18 -0.01	58.34 4.91 -0.02	67.65 5.23 -4.34	108.29 6.20 -32.37	119.34 6.92 -32.87	118.65 6.40 -39.55	115.30 6.39 -37.89	105.82 5.73 -33.48	91.00 5.64 -21.98	73.99 5.92 -0.01	66.93 5.07 -0.01
CALPINE BETH_PAGE_GT4 24209	55.19 4.04 0.00	51.47 3.68 0.00	48.24 3.41 0.00	45.54 3.02 0.00	46.04 3.17 0.00	46.47 3.20 0.00	49.91 3.61 0.00	55.03 4.08 0.00	54.79 3.92 0.00	52.98 3.70 0.00	51.86 3.62 0.00	50.10 3.50 0.00	49.76 3.64 0.00	49.63 3.72 0.00	57.65 4.22 -0.02	66.60 4.18 -4.34	106.76 4.67 -32.37	117.52 5.09 -32.87	116.98 4.73 -39.55	113.66 4.76 -37.89	104.42 4.33 -33.48	89.55 4.18 -21.98	72.49 4.42 0.00	65.56 3.71 0.00
CALPINE_BETH_PAGE_GT_4 323586	55.19 4.04 -0.01	51.48 3.68 -0.01	48.23 3.41 0.00	45.59 3.06 0.00	46.08 3.22 0.00	46.47 3.20 0.00	49.92 3.61 -0.01	55.04 4.08 -0.01	54.79 3.92 0.00	52.98 3.70 0.00	51.87 3.62 -0.01	50.20 3.59 -0.01	49.77 3.64 -0.01	49.59 3.67 -0.01	57.65 4.22 -0.02	66.55 4.12 -4.34	106.83 4.74 -32.37	117.52 5.10 -32.87	116.98 4.72 -39.55	113.66 4.76 -37.89	104.41 4.33 -33.48	89.54 4.18 -21.98	72.49 4.42 -0.01	65.57 3.71 -0.01
CALPINE_BP_GT1 23823	55.19 4.04 -0.01	51.48 3.68 -0.01	48.23 3.41 0.00	45.59 3.06 0.00	46.08 3.22 0.00	46.47 3.20 0.00	49.92 3.61 -0.01	55.04 4.08 -0.01	54.79 3.92 0.00	52.98 3.70 0.00	51.87 3.62 -0.01	50.20 3.59 -0.01	49.77 3.64 -0.01	49.59 3.67 -0.01	57.65 4.22 -0.02	66.55 4.12 -4.34	106.83 4.74 -32.37	117.52 5.10 -32.87	116.98 4.72 -39.55	113.66 4.76 -37.89	104.41 4.33 -33.48	89.54 4.18 -21.98	72.49 4.42 -0.01	65.57 3.71 -0.01
CALSPAN___DRP 24200	46.13 -5.01 0.00	43.39 -4.40 0.00	40.66 -4.17 0.00	38.57 -3.95 0.00	38.92 -3.94 0.00	38.68 -4.59 0.00	41.11 -5.19 0.00	45.56 -5.40 0.00	44.65 -5.55 0.68	44.01 -5.27 0.00	43.08 -5.16 0.00	42.13 -4.47 0.00	40.09 -4.89 1.14	39.71 -5.00 1.20	43.13 -6.57 3.71	42.80 -7.32 7.97	61.37 -7.67 0.68	71.60 -7.96 0.00	65.87 -6.83 0.00	64.63 -6.39 0.00	60.88 -5.73 0.00	57.99 -5.39 0.00	63.78 -4.29 0.00	59.81 -2.04 0.00

CALVERTON___SOLAR 323806	56.37 5.22 -0.01	52.62 4.82 -0.01	49.13 4.30 0.00	46.39 3.87 0.00	46.94 4.07 0.00	47.34 4.07 0.00	50.89 4.58 -0.01	56.17 5.20 -0.01	55.81 4.93 0.00	53.87 4.58 0.00	52.73 4.49 -0.01	50.95 4.34 -0.01	50.51 4.38 -0.01	50.37 4.45 -0.01	58.66 5.24 -0.02	68.05 5.63 -4.34	108.85 6.76 -32.37	120.06 7.64 -32.87	119.30 7.05 -39.55	115.94 7.03 -37.89	106.42 6.33 -33.48	91.58 6.21 -21.98	74.54 6.47 -0.01	67.43 5.57 -0.01
CANDIGU_WT_PWR 323617	47.52 -3.63 0.00	44.68 -3.11 0.00	41.87 -2.96 0.00	39.67 -2.85 0.00	40.12 -2.74 0.00	40.16 -3.12 0.00	42.82 -3.47 0.00	47.39 -3.57 0.00	43.36 -3.56 3.95	45.79 -3.50 0.00	44.81 -3.42 0.00	43.34 -3.26 0.00	36.10 -3.41 6.61	35.51 -3.44 6.95	27.44 -4.43 21.54	7.00 -4.88 46.20	60.82 -4.95 3.95	74.46 -5.09 0.00	68.35 -4.36 0.00	67.04 -3.98 0.00	63.01 -3.60 0.00	59.96 -3.42 0.00	65.21 -2.86 0.00	60.55 -1.30 0.00
CARR STREET_E_SYR 24060	49.71 -1.43 0.00	46.60 -1.19 0.00	43.66 -1.17 0.00	41.42 -1.11 0.00	41.80 -1.07 0.00	42.15 -1.13 0.00	45.09 -1.20 0.00	49.73 -1.22 0.00	49.76 -1.12 0.00	48.15 -1.13 0.00	47.18 -1.06 0.00	45.62 -0.98 0.00	45.11 -1.01 0.00	44.90 -1.01 0.00	51.97 -1.44 0.00	56.52 -1.57 0.00	67.98 -1.74 0.00	77.73 -1.83 0.00	71.11 -1.60 0.00	69.52 -1.49 0.00	65.14 -1.47 0.00	61.92 -1.46 0.00	66.57 -1.50 0.00	60.62 -1.24 0.00
CARTHAGE___PAPER 23857	51.40 0.26 0.00	48.13 0.34 0.00	45.28 0.45 0.00	42.74 0.21 0.00	42.91 0.04 0.00	43.31 0.04 0.00	46.34 0.05 0.00	51.26 0.31 0.00	51.18 0.31 0.00	49.73 0.44 0.00	48.77 0.53 0.00	47.07 0.47 0.00	46.63 0.51 0.00	46.46 0.55 0.00	54.00 0.59 0.00	58.83 0.75 0.00	71.25 1.53 0.00	81.46 1.91 0.00	74.31 1.60 0.00	72.44 1.42 0.00	68.14 1.53 0.00	64.90 1.52 0.00	69.56 1.50 0.00	63.77 1.92 0.00
CASSADAGA_WT_PWR 323784	46.14 -5.01 0.00	43.35 -4.44 0.00	39.45 -5.38 0.00	37.38 -5.15 0.00	37.81 -5.06 0.00	37.34 -5.93 0.00	39.86 -6.43 0.00	44.23 -6.73 0.00	43.75 -6.66 0.47	43.07 -6.21 0.00	42.30 -5.94 0.00	41.06 -5.55 0.00	39.57 -5.77 0.78	39.16 -5.92 0.82	43.12 -7.74 2.55	44.14 -8.48 5.46	62.49 -6.76 0.47	73.19 -6.37 0.00	67.33 -5.38 0.00	66.12 -4.90 0.00	62.28 -4.33 0.00	59.26 -4.12 0.00	65.14 -2.92 0.00	60.68 -1.18 0.00
CE_DUNWOOD___DRP 24194	53.91 2.76 0.00	50.32 2.53 0.00	47.16 2.33 0.00	44.73 2.21 0.00	45.10 2.23 0.00	45.56 2.29 0.00	48.80 2.50 0.00	53.81 2.85 0.00	53.67 2.80 0.00	52.00 2.71 0.00	50.84 2.60 0.00	49.08 2.47 0.00	48.75 2.63 0.00	48.57 2.66 0.00	56.51 3.10 0.00	61.28 3.19 0.00	73.28 3.56 0.00	83.37 3.82 0.00	76.27 3.56 0.00	74.64 3.62 0.00	69.87 3.26 0.00	66.49 3.11 0.00	71.06 2.99 0.00	64.20 2.35 0.00
CE_MILLWOOD___DRP 24193	53.75 2.61 0.00	50.18 2.39 0.00	47.07 2.24 0.00	44.65 2.13 0.00	45.01 2.14 0.00	45.48 2.21 0.00	48.70 2.41 0.00	53.66 2.70 0.00	53.52 2.65 0.00	51.85 2.56 0.00	50.70 2.46 0.00	48.98 2.38 0.00	48.61 2.49 0.00	48.43 2.52 0.00	56.35 2.94 0.00	61.10 3.02 0.00	73.07 3.35 0.00	83.21 3.66 0.00	76.05 3.34 0.00	74.43 3.41 0.00	69.67 3.06 0.00	66.36 2.98 0.00	70.85 2.79 0.00	64.08 2.23 0.00
CE_NYC2_DRP 24202	54.52 3.38 0.00	50.85 3.06 0.00	47.65 2.82 0.00	45.20 2.68 0.00	45.57 2.70 0.00	46.04 2.77 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.59 3.30 0.00	51.42 3.18 0.00	49.63 3.03 0.00	49.30 3.18 0.00	49.17 3.26 0.00	57.15 3.74 0.00	62.03 3.95 0.00	74.04 4.32 0.00	84.25 4.69 0.00	77.07 4.36 0.00	75.49 4.47 0.00	70.61 4.00 0.00	67.31 3.93 0.00	71.81 3.74 0.00	64.88 3.03 0.00
CE_NYC_DRP 24195	54.21 3.07 0.00	50.56 2.77 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.78 2.51 0.00	49.07 2.78 0.00	54.12 3.16 0.00	53.98 3.10 0.00	52.34 3.06 0.00	51.13 2.89 0.00	49.36 2.75 0.00	49.03 2.91 0.00	48.89 2.98 0.00	56.88 3.47 0.00	61.68 3.60 0.00	73.62 3.90 0.00	83.77 4.22 0.00	76.63 3.93 0.00	75.07 4.05 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.33 3.27 0.00	64.51 2.66 0.00
CHAFFEE___LFGE 323603	46.29 -4.86 0.00	43.54 -4.25 0.00	40.84 -3.99 0.00	38.65 -3.87 0.00	39.14 -3.73 0.00	38.82 -4.46 0.00	41.25 -5.04 0.00	45.76 -5.20 0.00	44.93 -5.39 0.55	44.21 -5.08 0.00	43.27 -4.97 0.00	41.99 -4.61 0.00	40.45 -4.75 0.92	40.12 -4.82 0.97	43.99 -6.41 3.01	44.47 -7.15 6.47	61.77 -7.39 0.55	71.99 -7.56 0.00	66.24 -6.47 0.00	64.98 -6.04 0.00	61.15 -5.46 0.00	58.18 -5.20 0.00	63.98 -4.08 0.00	60.31 -1.54 0.00
CHATEAUG_35_KV_LOAD 355732	50.84 -0.31 0.00	47.41 -0.38 0.00	44.47 -0.36 0.00	42.14 -0.38 0.00	42.44 -0.43 0.00	42.80 -0.48 0.00	45.88 -0.42 0.00	50.40 -0.56 0.00	50.32 -0.56 0.00	48.79 -0.49 0.00	47.71 -0.53 0.00	46.09 -0.51 0.00	45.61 -0.51 0.00	45.40 -0.50 0.00	53.09 -0.32 0.00	57.79 -0.29 0.00	69.72 0.00 0.00	79.71 0.16 0.00	72.78 0.07 0.00	70.95 -0.07 0.00	66.74 0.13 0.00	63.32 -0.06 0.00	68.00 -0.07 0.00	61.91 0.06 0.00
CHATEAUG_WT_PWR 323614	50.68 -0.46 0.00	47.31 -0.48 0.00	44.38 -0.45 0.00	42.06 -0.47 0.00	42.36 -0.51 0.00	42.71 -0.56 0.00	45.74 -0.55 0.00	50.29 -0.66 0.00	50.21 -0.66 0.00	48.70 -0.59 0.00	47.61 -0.63 0.00	46.00 -0.61 0.00	45.52 -0.60 0.00	45.31 -0.60 0.00	52.98 -0.43 0.00	57.68 -0.40 0.00	69.51 -0.21 0.00	79.47 -0.08 0.00	72.56 -0.15 0.00	70.80 -0.21 0.00	66.48 -0.13 0.00	63.13 -0.25 0.00	67.86 -0.20 0.00	61.79 -0.06 0.00
CHAT_HIGH_FALL_HYD 323578	50.84 -0.31 0.00	47.41 -0.38 0.00	44.47 -0.36 0.00	42.14 -0.38 0.00	42.44 -0.43 0.00	42.80 -0.48 0.00	45.88 -0.42 0.00	50.40 -0.56 0.00	50.32 -0.56 0.00	48.79 -0.49 0.00	47.71 -0.53 0.00	46.09 -0.51 0.00	45.61 -0.51 0.00	45.40 -0.50 0.00	53.09 -0.32 0.00	57.79 -0.29 0.00	69.72 0.00 0.00	79.71 0.16 0.00	72.78 0.07 0.00	70.95 -0.07 0.00	66.74 0.13 0.00	63.32 -0.06 0.00	68.00 -0.07 0.00	61.91 0.06 0.00
CHAUTAUQUA___LFGE 323629	46.24 -4.91 0.00	43.49 -4.30 0.00	40.35 -4.48 0.00	38.23 -4.29 0.00	38.71 -4.16 0.00	38.34 -4.93 0.00	40.88 -5.42 0.00	45.35 -5.61 0.00	44.65 -5.65 0.58	43.96 -5.32 0.00	43.17 -5.06 0.00	41.90 -4.71 0.00	40.17 -4.98 0.97	39.75 -5.14 1.02	43.53 -6.73 3.15	43.94 -7.38 6.76	62.31 -6.83 0.58	72.95 -6.60 0.00	67.18 -5.53 0.00	65.90 -5.11 0.00	62.01 -4.60 0.00	59.01 -4.37 0.00	64.73 -3.33 0.00	60.62 -1.24 0.00
CHERRYST_13_KV_LD 356241	54.32 3.17 0.00	50.70 2.92 0.00	47.52 2.69 0.00	45.07 2.55 0.00	45.40 2.53 0.00	45.87 2.60 0.00	49.17 2.87 0.00	54.27 3.31 0.00	54.13 3.26 0.00	52.44 3.15 0.00	51.23 2.99 0.00	49.49 2.89 0.00	49.16 3.04 0.00	49.03 3.12 0.00	56.99 3.58 0.00	61.86 3.78 0.00	73.83 4.11 0.00	84.01 4.45 0.00	76.85 4.14 0.00	75.28 4.26 0.00	70.47 3.86 0.00	67.12 3.74 0.00	71.53 3.47 0.00	64.64 2.78 0.00

CHESTROR_138KV_BK263 355645	53.19 2.05 0.00	49.70 1.91 0.00	46.62 1.79 0.00	44.27 1.74 0.00	44.58 1.71 0.00	45.05 1.77 0.00	48.15 1.85 0.00	53.05 2.09 0.00	52.91 2.04 0.00	51.21 1.92 0.00	50.07 1.83 0.00	48.38 1.77 0.00	48.01 1.89 0.00	47.83 1.93 0.00	55.60 2.19 0.00	60.41 2.32 0.00	72.30 2.58 0.00	82.42 2.86 0.00	75.33 2.62 0.00	73.64 2.63 0.00	68.94 2.33 0.00	65.66 2.28 0.00	70.17 2.11 0.00	63.46 1.61 0.00
CH_MIDHUDSON___DRP 24192	53.86 2.71 0.00	50.27 2.49 0.00	47.12 2.29 0.00	44.73 2.21 0.00	45.05 2.19 0.00	45.52 2.25 0.00	48.70 2.41 0.00	53.61 2.65 0.00	53.47 2.59 0.00	51.80 2.51 0.00	50.60 2.36 0.00	48.84 2.24 0.00	48.52 2.40 0.00	48.39 2.48 0.00	56.29 2.88 0.00	61.16 3.08 0.00	73.21 3.49 0.00	83.29 3.74 0.00	76.20 3.49 0.00	74.50 3.48 0.00	69.74 3.13 0.00	66.36 2.98 0.00	70.99 2.93 0.00	64.14 2.29 0.00
CH_MISC_IPPS 23765	54.06 2.91 0.00	50.42 2.63 0.00	47.25 2.42 0.00	44.90 2.38 0.00	45.22 2.36 0.00	45.65 2.38 0.00	48.79 2.50 0.00	53.71 2.75 0.00	53.62 2.75 0.00	51.90 2.61 0.00	50.70 2.46 0.00	48.98 2.38 0.00	48.61 2.49 0.00	48.43 2.52 0.00	56.40 2.99 0.00	61.27 3.19 0.00	73.48 3.76 0.00	83.77 4.21 0.00	76.56 3.85 0.00	74.85 3.83 0.00	70.01 3.40 0.00	66.61 3.23 0.00	71.20 3.13 0.00	64.26 2.41 0.00
CH_RES_BVR_FALLS 23983	51.04 -0.10 0.00	47.69 -0.10 0.00	44.74 -0.09 0.00	42.44 -0.08 0.00	42.78 -0.09 0.00	43.18 -0.09 0.00	46.20 -0.09 0.00	50.86 -0.10 0.00	50.77 -0.10 0.00	49.19 -0.10 0.00	48.14 -0.10 0.00	46.51 -0.09 0.00	46.03 -0.09 0.00	45.81 -0.09 0.00	53.30 -0.11 0.00	57.97 -0.12 0.00	69.58 -0.14 0.00	79.47 -0.08 0.00	72.64 -0.07 0.00	70.95 -0.07 0.00	66.54 -0.07 0.00	63.32 -0.06 0.00	68.00 -0.07 0.00	61.79 -0.06 0.00
CH_RES_NIAGARA 23895	44.50 -6.65 0.00	41.91 -5.88 0.00	39.27 -5.56 0.00	37.21 -5.32 0.00	37.55 -5.32 0.00	37.34 -5.93 0.00	39.63 -6.67 0.00	43.98 -6.98 0.00	43.87 -6.46 0.54	42.48 -6.80 0.00	41.53 -6.71 0.00	40.73 -5.87 0.00	39.45 -5.77 0.91	39.17 -5.78 0.95	43.19 -7.26 2.95	43.85 -7.90 6.33	60.18 -8.99 0.54	68.81 -10.74 0.00	63.26 -9.45 0.00	62.00 -9.02 0.00	58.42 -8.19 0.00	55.84 -7.54 0.00	61.39 -6.67 0.00	57.58 -4.27 0.00
CH_RES_SYRACUSE 23985	50.07 -1.08 0.00	46.93 -0.86 0.00	43.98 -0.85 0.00	41.71 -0.81 0.00	42.05 -0.82 0.00	42.45 -0.82 0.00	45.41 -0.88 0.00	50.14 -0.82 0.00	50.11 -0.76 0.00	48.55 -0.74 0.00	47.56 -0.68 0.00	45.95 -0.65 0.00	45.43 -0.69 0.00	45.26 -0.64 0.00	52.45 -0.96 0.00	57.04 -1.04 0.00	68.68 -1.04 0.00	78.52 -1.04 0.00	71.84 -0.87 0.00	70.24 -0.78 0.00	65.88 -0.73 0.00	62.62 -0.76 0.00	67.25 -0.81 0.00	61.23 -0.62 0.00
CLINTON_WT_PWR 323605	50.68 -0.46 0.00	47.31 -0.48 0.00	44.38 -0.45 0.00	42.06 -0.47 0.00	42.36 -0.51 0.00	42.71 -0.56 0.00	45.74 -0.55 0.00	50.29 -0.66 0.00	50.21 -0.66 0.00	48.70 -0.59 0.00	47.61 -0.63 0.00	46.00 -0.61 0.00	45.52 -0.60 0.00	45.31 -0.60 0.00	52.98 -0.43 0.00	57.68 -0.40 0.00	69.51 -0.21 0.00	79.47 -0.08 0.00	72.56 -0.15 0.00	70.80 -0.21 0.00	66.48 -0.13 0.00	63.13 -0.25 0.00	67.86 -0.20 0.00	61.79 -0.06 0.00
CLINTON___LFGE 323618	51.55 0.41 0.00	48.03 0.24 0.00	45.05 0.23 0.00	42.69 0.17 0.00	42.95 0.09 0.00	43.36 0.09 0.00	46.57 0.28 0.00	51.11 0.15 0.00	51.08 0.20 0.00	49.53 0.25 0.00	48.43 0.19 0.00	46.79 0.19 0.00	46.31 0.19 0.00	46.09 0.18 0.00	53.89 0.48 0.00	58.54 0.46 0.00	70.77 1.05 0.00	80.99 1.43 0.00	73.94 1.23 0.00	72.15 1.13 0.00	67.87 1.26 0.00	64.33 0.95 0.00	69.02 0.95 0.00	62.90 1.05 0.00
COBBLENY_34_KV_TB1 80064	46.29 -4.86 0.00	43.54 -4.25 0.00	40.84 -3.99 0.00	38.74 -3.78 0.00	39.10 -3.77 0.00	38.81 -4.46 0.00	41.25 -5.05 0.00	45.71 -5.25 0.00	44.98 -5.34 0.55	44.21 -5.08 0.00	43.27 -4.97 0.00	42.32 -4.29 0.00	40.45 -4.75 0.92	40.11 -4.82 0.97	43.99 -6.41 3.01	44.41 -7.20 6.47	61.78 -7.39 0.55	72.00 -7.56 0.00	66.24 -6.47 0.00	64.91 -6.11 0.00	61.15 -5.46 0.00	58.18 -5.20 0.00	63.98 -4.08 0.00	60.06 -1.79 0.00
COFFEEN___115KV_TB3 355620	51.71 0.56 0.00	48.51 0.72 0.00	45.64 0.81 0.00	43.03 0.51 0.00	43.21 0.34 0.00	43.57 0.30 0.00	46.67 0.37 0.00	51.72 0.76 0.00	51.64 0.76 0.00	50.17 0.89 0.00	49.16 0.92 0.00	47.44 0.84 0.00	46.95 0.83 0.00	46.78 0.87 0.00	54.32 0.91 0.00	59.36 1.28 0.00	72.23 2.51 0.00	82.66 3.10 0.00	75.33 2.62 0.00	73.43 2.41 0.00	69.07 2.46 0.00	65.79 2.41 0.00	70.38 2.31 0.00	64.39 2.54 0.00
COLDSPRG_115KV_BK1 355956	47.11 -4.04 0.00	44.25 -3.54 0.00	40.97 -3.86 0.00	38.91 -3.61 0.00	39.27 -3.60 0.00	38.90 -4.37 0.00	41.53 -4.77 0.00	46.01 -4.94 0.00	45.70 -4.88 0.29	44.70 -4.58 0.00	43.90 -4.34 0.00	42.78 -3.82 0.00	41.39 -4.24 0.49	40.94 -4.45 0.51	45.57 -6.25 1.59	47.58 -7.09 3.42	63.71 -5.72 0.29	74.22 -5.33 0.00	68.35 -4.36 0.00	66.97 -4.05 0.00	63.08 -3.53 0.00	59.89 -3.49 0.00	65.75 -2.31 0.00	61.30 -0.56 0.00
COLONIE_LFGE___ 323577	53.50 2.35 0.00	49.94 2.15 0.00	46.89 2.06 0.00	44.48 1.96 0.00	44.80 1.93 0.00	45.26 1.99 0.00	48.33 2.03 0.00	53.10 2.14 0.00	52.96 2.09 0.00	51.31 2.02 0.00	50.22 1.98 0.00	48.52 1.91 0.00	48.06 1.94 0.00	47.88 1.97 0.00	55.70 2.30 0.00	60.58 2.50 0.00	72.58 2.86 0.00	82.65 3.10 0.00	75.62 2.91 0.00	73.93 2.91 0.00	69.28 2.67 0.00	65.92 2.54 0.00	70.72 2.65 0.00	64.02 2.16 0.00
COOPERNY_115KV_TB1 80082	52.53 1.38 0.00	49.13 1.34 0.00	46.08 1.26 0.00	43.71 1.19 0.00	44.07 1.20 0.00	44.48 1.21 0.00	47.59 1.30 0.00	52.43 1.48 0.00	52.30 1.42 0.00	50.67 1.38 0.00	49.54 1.30 0.00	47.91 1.30 0.00	47.46 1.34 0.00	47.28 1.38 0.00	54.96 1.55 0.00	59.71 1.63 0.00	71.53 1.81 0.00	81.54 1.99 0.00	74.53 1.82 0.00	72.86 1.85 0.00	68.28 1.67 0.00	65.03 1.65 0.00	69.56 1.50 0.00	63.03 1.18 0.00
COPENHAGEN_WT_PWR 323753	51.35 0.21 0.00	48.13 0.34 0.00	45.28 0.45 0.00	42.74 0.21 0.00	42.91 0.04 0.00	43.31 0.04 0.00	46.34 0.05 0.00	51.32 0.36 0.00	51.24 0.36 0.00	49.78 0.49 0.00	48.77 0.53 0.00	47.07 0.47 0.00	46.63 0.51 0.00	46.50 0.60 0.00	53.94 0.53 0.00	58.89 0.81 0.00	71.46 1.74 0.00	81.70 2.15 0.00	74.53 1.82 0.00	72.72 1.70 0.00	68.34 1.73 0.00	65.09 1.71 0.00	69.69 1.63 0.00	63.77 1.92 0.00
CORNELL_____ 23752	51.04 -0.10 0.00	47.93 0.14 0.00	44.92 0.09 0.00	42.61 0.09 0.00	42.95 0.09 0.00	43.31 0.04 0.00	46.34 0.05 0.00	51.21 0.25 0.00	51.43 0.31 -0.25	49.53 0.25 0.00	48.48 0.24 0.00	46.89 0.28 0.00	46.72 0.18 -0.41	46.52 0.18 -0.43	54.80 0.05 -1.34	61.02 0.06 -2.88	70.59 0.63 -0.25	80.59 1.03 0.00	73.80 1.09 0.00	72.15 1.14 0.00	67.68 1.07 0.00	64.20 0.82 0.00	68.95 0.88 0.00	62.78 0.93 0.00

CORONA V_69 KV_TB1 355595	55.19 4.04 0.00	51.52 3.73 0.00	48.24 3.41 0.00	45.63 3.10 0.00	46.08 3.22 0.00	46.52 3.25 0.00	49.91 3.61 0.00	55.03 4.08 0.00	54.90 4.02 0.00	53.08 3.79 0.00	52.00 3.76 0.00	50.19 3.59 0.00	49.86 3.74 0.00	49.67 3.76 0.00	57.76 4.33 -0.02	66.84 4.41 -4.34	107.11 5.02 -32.37	117.91 5.49 -32.87	117.34 5.09 -39.55	114.09 5.18 -37.89	104.75 4.66 -33.48	89.86 4.50 -21.98	72.83 4.76 0.00	65.87 4.02 0.00
CORTLAND_115KV_TB3 80093	50.74 -0.41 0.00	47.60 -0.19 0.00	44.65 -0.18 0.00	42.35 -0.17 0.00	42.70 -0.17 0.00	43.05 -0.22 0.00	46.06 -0.23 0.00	50.85 -0.10 0.00	50.83 -0.05 0.00	49.19 -0.10 0.00	48.19 -0.05 0.00	46.61 0.00 0.00	46.03 -0.09 0.00	45.81 -0.09 0.00	53.14 -0.27 0.00	57.79 -0.29 0.00	69.72 0.00 0.00	79.79 0.24 0.00	73.00 0.29 0.00	71.37 0.36 0.00	66.94 0.33 0.00	63.63 0.25 0.00	68.34 0.27 0.00	62.22 0.37 0.00
COXSACKIE__GT 23611	55.34 4.19 0.00	51.56 3.77 0.00	48.28 3.45 0.00	45.93 3.40 0.00	46.12 3.26 0.00	46.60 3.33 0.00	49.53 3.24 0.00	53.96 3.01 0.00	53.83 2.95 0.00	51.94 2.66 0.00	50.46 2.22 0.00	48.56 1.96 0.00	48.29 2.17 0.00	48.25 2.34 0.00	56.51 3.10 0.00	61.68 3.60 0.00	74.53 4.81 0.00	85.36 5.80 0.00	78.09 5.38 0.00	75.99 4.97 0.00	71.20 4.59 0.00	67.63 4.25 0.00	72.28 4.22 0.00	65.19 3.34 0.00
CPV_VALLEY__CC1 323721	52.78 1.64 0.00	49.32 1.53 0.00	46.26 1.43 0.00	43.92 1.40 0.00	44.28 1.41 0.00	44.70 1.43 0.00	47.82 1.53 0.00	52.64 1.68 0.00	52.55 1.68 0.00	50.86 1.58 0.00	49.78 1.54 0.00	48.14 1.54 0.00	47.69 1.57 0.00	47.51 1.61 0.00	55.23 1.82 0.00	59.94 1.86 0.00	71.74 2.02 0.00	81.70 2.15 0.00	74.74 2.03 0.00	73.08 2.06 0.00	68.41 1.80 0.00	65.15 1.77 0.00	69.69 1.63 0.00	62.97 1.11 0.00
CPV_VALLEY__CC2 323722	52.78 1.64 0.00	49.32 1.53 0.00	46.26 1.43 0.00	43.92 1.40 0.00	44.28 1.41 0.00	44.70 1.43 0.00	47.82 1.53 0.00	52.64 1.68 0.00	52.55 1.68 0.00	50.86 1.58 0.00	49.78 1.54 0.00	48.14 1.54 0.00	47.69 1.57 0.00	47.51 1.61 0.00	55.23 1.82 0.00	59.94 1.86 0.00	71.74 2.02 0.00	81.70 2.15 0.00	74.74 2.03 0.00	73.08 2.06 0.00	68.41 1.80 0.00	65.15 1.77 0.00	69.69 1.63 0.00	62.97 1.11 0.00
CRESCENT__HYD 24018	53.50 2.35 0.00	49.94 2.15 0.00	46.89 2.06 0.00	44.48 1.96 0.00	44.80 1.93 0.00	45.26 1.99 0.00	48.33 2.03 0.00	53.10 2.14 0.00	52.96 2.09 0.00	51.31 2.02 0.00	50.22 1.98 0.00	48.52 1.91 0.00	48.06 1.94 0.00	47.88 1.97 0.00	55.70 2.30 0.00	60.58 2.50 0.00	72.58 2.86 0.00	82.65 3.10 0.00	75.62 2.91 0.00	73.93 2.91 0.00	69.28 2.67 0.00	65.92 2.54 0.00	70.72 2.65 0.00	64.02 2.16 0.00
CRICKET__VALLEY_CC1 323756	53.55 2.40 0.00	49.99 2.20 0.00	46.85 2.02 0.00	44.48 1.96 0.00	44.84 1.97 0.00	45.26 1.99 0.00	48.43 2.13 0.00	53.30 2.35 0.00	53.22 2.34 0.00	51.55 2.27 0.00	50.41 2.17 0.00	48.75 2.15 0.00	48.33 2.21 0.00	48.11 2.20 0.00	55.97 2.56 0.00	60.76 2.67 0.00	72.65 2.93 0.00	82.41 2.86 0.00	75.32 2.61 0.00	73.72 2.70 0.00	69.00 2.39 0.00	65.73 2.35 0.00	70.51 2.45 0.00	63.65 1.79 0.00
CRICKET__VALLEY_CC2 323757	53.55 2.40 0.00	49.99 2.20 0.00	46.85 2.02 0.00	44.48 1.96 0.00	44.84 1.97 0.00	45.26 1.99 0.00	48.43 2.13 0.00	53.30 2.35 0.00	53.22 2.34 0.00	51.55 2.27 0.00	50.41 2.17 0.00	48.75 2.15 0.00	48.33 2.21 0.00	48.11 2.20 0.00	55.97 2.56 0.00	60.76 2.67 0.00	72.65 2.93 0.00	82.41 2.86 0.00	75.32 2.61 0.00	73.72 2.70 0.00	69.00 2.39 0.00	65.73 2.35 0.00	70.51 2.45 0.00	63.65 1.79 0.00
CRICKET__VALLEY_CC3 323758	53.55 2.40 0.00	49.99 2.20 0.00	46.85 2.02 0.00	44.48 1.96 0.00	44.84 1.97 0.00	45.26 1.99 0.00	48.43 2.13 0.00	53.30 2.35 0.00	53.22 2.34 0.00	51.55 2.27 0.00	50.41 2.17 0.00	48.75 2.15 0.00	48.33 2.21 0.00	48.11 2.20 0.00	55.97 2.56 0.00	60.76 2.67 0.00	72.65 2.93 0.00	82.41 2.86 0.00	75.32 2.61 0.00	73.72 2.70 0.00	69.00 2.39 0.00	65.73 2.35 0.00	70.51 2.45 0.00	63.65 1.79 0.00
CRUCIBLE_METL_DRP 24180	50.07 -1.07 0.00	46.93 -0.86 0.00	43.98 -0.85 0.00	41.72 -0.81 0.00	42.10 -0.77 0.00	42.45 -0.82 0.00	45.42 -0.88 0.00	50.09 -0.87 0.00	50.11 -0.76 0.00	48.55 -0.74 0.00	47.56 -0.68 0.00	46.00 -0.61 0.00	45.43 -0.69 0.00	45.26 -0.64 0.00	52.45 -0.96 0.00	57.04 -1.05 0.00	68.67 -1.05 0.00	78.52 -1.03 0.00	71.84 -0.87 0.00	70.24 -0.78 0.00	65.88 -0.73 0.00	62.62 -0.76 0.00	67.25 -0.82 0.00	61.17 -0.68 0.00
DAHOWA__HYDRO 323763	53.80 2.66 0.00	50.22 2.44 0.00	47.20 2.37 0.00	44.73 2.21 0.00	45.05 2.19 0.00	45.56 2.29 0.00	48.56 2.27 0.00	53.40 2.45 0.00	53.32 2.44 0.00	51.60 2.32 0.00	50.41 2.17 0.00	48.65 2.05 0.00	48.24 2.12 0.00	48.02 2.11 0.00	55.97 2.56 0.00	60.98 2.90 0.00	73.27 3.55 0.00	83.53 3.98 0.00	76.49 3.78 0.00	74.71 3.69 0.00	69.94 3.33 0.00	66.55 3.17 0.00	71.40 3.33 0.00	64.70 2.85 0.00
DANC__LFGE 323619	50.63 -0.51 0.00	47.46 -0.33 0.00	44.61 -0.22 0.00	42.14 -0.38 0.00	42.40 -0.47 0.00	42.80 -0.48 0.00	45.79 -0.51 0.00	50.55 -0.41 0.00	50.52 -0.35 0.00	49.04 -0.25 0.00	48.05 -0.19 0.00	46.42 -0.19 0.00	45.98 -0.14 0.00	45.81 -0.09 0.00	53.14 -0.27 0.00	57.97 -0.12 0.00	70.14 0.42 0.00	80.03 0.48 0.00	73.07 0.37 0.00	71.30 0.29 0.00	66.94 0.33 0.00	63.83 0.45 0.00	68.47 0.41 0.00	62.53 0.68 0.00
DANSKAMMER__1 23586	54.06 2.91 0.00	50.42 2.63 0.00	47.25 2.42 0.00	44.90 2.38 0.00	45.22 2.36 0.00	45.65 2.38 0.00	48.79 2.50 0.00	53.71 2.75 0.00	53.62 2.75 0.00	51.90 2.61 0.00	50.70 2.46 0.00	48.98 2.38 0.00	48.61 2.49 0.00	48.43 2.52 0.00	56.40 2.99 0.00	61.27 3.19 0.00	73.48 3.76 0.00	83.77 4.21 0.00	76.56 3.85 0.00	74.85 3.83 0.00	70.01 3.40 0.00	66.61 3.23 0.00	71.20 3.13 0.00	64.26 2.41 0.00
DANSKAMMER__2 23589	54.06 2.91 0.00	50.42 2.63 0.00	47.25 2.42 0.00	44.90 2.38 0.00	45.22 2.36 0.00	45.65 2.38 0.00	48.79 2.50 0.00	53.71 2.75 0.00	53.62 2.75 0.00	51.90 2.61 0.00	50.70 2.46 0.00	48.98 2.38 0.00	48.61 2.49 0.00	48.43 2.52 0.00	56.40 2.99 0.00	61.27 3.19 0.00	73.48 3.76 0.00	83.77 4.21 0.00	76.56 3.85 0.00	74.85 3.83 0.00	70.01 3.40 0.00	66.61 3.23 0.00	71.20 3.13 0.00	64.26 2.41 0.00
DANSKAMMER__3 23590	54.06 2.91 0.00	50.42 2.63 0.00	47.25 2.42 0.00	44.90 2.38 0.00	45.22 2.36 0.00	45.65 2.38 0.00	48.79 2.50 0.00	53.71 2.75 0.00	53.62 2.75 0.00	51.90 2.61 0.00	50.70 2.46 0.00	48.98 2.38 0.00	48.61 2.49 0.00	48.43 2.52 0.00	56.40 2.99 0.00	61.27 3.19 0.00	73.48 3.76 0.00	83.77 4.21 0.00	76.56 3.85 0.00	74.85 3.83 0.00	70.01 3.40 0.00	66.61 3.23 0.00	71.20 3.13 0.00	64.26 2.41 0.00

DANSKAMMER___4 23591	54.06 2.91 0.00	50.42 2.63 0.00	47.25 2.42 0.00	44.90 2.38 0.00	45.22 2.36 0.00	45.65 2.38 0.00	48.79 2.50 0.00	53.71 2.75 0.00	53.62 2.75 0.00	51.90 2.61 0.00	50.70 2.46 0.00	48.98 2.38 0.00	48.61 2.49 0.00	48.43 2.52 0.00	56.40 2.99 0.00	61.27 3.19 0.00	73.48 3.76 0.00	83.77 4.21 0.00	76.56 3.85 0.00	74.85 3.83 0.00	70.01 3.40 0.00	66.61 3.23 0.00	71.20 3.13 0.00	64.26 2.41 0.00
DANSKAMMER___DIESEL 23592	54.06 2.92 0.00	50.42 2.63 0.00	47.25 2.42 0.00	44.90 2.38 0.00	45.18 2.31 0.00	45.65 2.38 0.00	48.80 2.50 0.00	53.71 2.75 0.00	53.62 2.75 0.00	51.90 2.61 0.00	50.70 2.46 0.00	48.94 2.33 0.00	48.61 2.49 0.00	48.43 2.52 0.00	56.40 2.99 0.00	61.28 3.19 0.00	73.48 3.76 0.00	83.77 4.22 0.00	76.56 3.85 0.00	74.85 3.83 0.00	70.01 3.40 0.00	66.61 3.23 0.00	71.19 3.13 0.00	64.26 2.41 0.00
DARBY___SOLAR 323810	53.70 2.56 0.00	50.13 2.34 0.00	47.07 2.24 0.00	44.65 2.13 0.00	44.97 2.10 0.00	45.48 2.21 0.00	48.47 2.18 0.00	53.30 2.35 0.00	53.22 2.34 0.00	51.45 2.17 0.00	50.26 2.03 0.00	48.56 1.96 0.00	48.10 1.98 0.00	47.92 2.02 0.00	55.87 2.46 0.00	60.81 2.73 0.00	73.07 3.35 0.00	83.29 3.74 0.00	76.20 3.49 0.00	74.50 3.48 0.00	69.74 3.13 0.00	66.36 2.98 0.00	71.20 3.13 0.00	64.51 2.66 0.00
DASHVILLE___HYD 23610	53.60 2.46 0.00	49.99 2.20 0.00	46.85 2.02 0.00	44.52 2.00 0.00	44.80 1.93 0.00	45.26 1.99 0.00	48.33 2.04 0.00	53.20 2.24 0.00	53.12 2.24 0.00	51.36 2.07 0.00	50.12 1.88 0.00	48.38 1.77 0.00	48.06 1.94 0.00	47.93 2.02 0.00	55.87 2.46 0.00	60.70 2.61 0.00	72.79 3.07 0.00	82.97 3.42 0.00	75.91 3.20 0.00	74.14 3.12 0.00	69.34 2.73 0.00	65.98 2.60 0.00	70.51 2.45 0.00	63.65 1.79 0.00
DELAWARE___LFGE 323621	52.27 1.13 0.00	48.89 1.10 0.00	45.90 1.08 0.00	43.50 0.98 0.00	43.81 0.94 0.00	44.22 0.95 0.00	47.27 0.97 0.00	52.18 1.22 0.00	52.05 1.17 0.00	50.42 1.13 0.00	49.30 1.06 0.00	47.63 1.03 0.00	47.18 1.06 0.00	46.96 1.06 0.00	54.58 1.18 0.00	59.42 1.34 0.00	71.53 1.81 0.00	81.54 1.99 0.00	74.60 1.89 0.00	72.86 1.85 0.00	68.34 1.73 0.00	64.96 1.58 0.00	69.63 1.57 0.00	63.27 1.42 0.00
DERFIELD_115KV_TB7 355931	51.30 0.15 0.00	47.93 0.14 0.00	45.01 0.18 0.00	42.65 0.13 0.00	43.00 0.13 0.00	43.40 0.13 0.00	46.43 0.14 0.00	51.11 0.15 0.00	51.03 0.15 0.00	49.43 0.15 0.00	48.38 0.14 0.00	46.75 0.14 0.00	46.26 0.14 0.00	46.04 0.14 0.00	53.57 0.16 0.00	58.26 0.17 0.00	69.93 0.21 0.00	79.71 0.16 0.00	72.85 0.15 0.00	71.16 0.14 0.00	66.74 0.13 0.00	63.57 0.19 0.00	68.27 0.20 0.00	62.04 0.19 0.00
DOGLEVILLE___HYD 23807	54.06 2.92 0.00	50.51 2.72 0.00	47.43 2.60 0.00	44.99 2.47 0.00	45.27 2.40 0.00	45.65 2.38 0.00	48.70 2.41 0.00	53.61 2.65 0.00	53.47 2.59 0.00	51.80 2.51 0.00	50.65 2.41 0.00	48.94 2.33 0.00	48.38 2.26 0.00	48.11 2.20 0.00	55.92 2.51 0.00	60.81 2.73 0.00	73.14 3.42 0.00	83.45 3.90 0.00	76.27 3.56 0.00	74.50 3.48 0.00	69.87 3.26 0.00	66.74 3.36 0.00	71.81 3.74 0.00	65.38 3.53 0.00
DUNKIRK___115KV_TB_200 55889	46.29 -4.86 0.00	43.54 -4.25 0.00	40.44 -4.39 0.00	38.40 -4.12 0.00	38.75 -4.12 0.00	38.47 -4.80 0.00	40.97 -5.32 0.00	45.50 -5.45 0.00	44.74 -5.55 0.59	44.11 -5.17 0.00	43.27 -4.97 0.00	42.22 -4.38 0.00	40.25 -4.89 0.98	39.82 -5.05 1.03	43.58 -6.62 3.21	43.88 -7.32 6.89	62.37 -6.76 0.59	73.03 -6.52 0.00	67.18 -5.53 0.00	65.90 -5.11 0.00	62.01 -4.60 0.00	59.01 -4.37 0.00	64.73 -3.34 0.00	60.31 -1.55 0.00
DUNKIRK___1 23563	46.29 -4.86 0.00	43.54 -4.25 0.00	40.44 -4.39 0.00	38.40 -4.12 0.00	38.75 -4.12 0.00	38.47 -4.80 0.00	40.97 -5.32 0.00	45.50 -5.45 0.00	44.74 -5.55 0.59	44.11 -5.17 0.00	43.27 -4.97 0.00	42.22 -4.38 0.00	40.25 -4.89 0.98	39.82 -5.05 1.03	43.58 -6.62 3.21	43.88 -7.32 6.89	62.37 -6.76 0.59	73.03 -6.52 0.00	67.18 -5.53 0.00	65.90 -5.11 0.00	62.01 -4.60 0.00	59.01 -4.37 0.00	64.73 -3.34 0.00	60.31 -1.55 0.00
DUNKIRK___2 23564	46.29 -4.86 0.00	43.54 -4.25 0.00	40.44 -4.39 0.00	38.40 -4.12 0.00	38.75 -4.12 0.00	38.47 -4.80 0.00	40.97 -5.32 0.00	45.50 -5.45 0.00	44.74 -5.55 0.59	44.11 -5.17 0.00	43.27 -4.97 0.00	42.22 -4.38 0.00	40.25 -4.89 0.98	39.82 -5.05 1.03	43.58 -6.62 3.21	43.88 -7.32 6.89	62.37 -6.76 0.59	73.03 -6.52 0.00	67.18 -5.53 0.00	65.90 -5.11 0.00	62.01 -4.60 0.00	59.01 -4.37 0.00	64.73 -3.34 0.00	60.31 -1.55 0.00
DUNKIRK___3 23565	46.29 -4.86 0.00	43.54 -4.25 0.00	40.57 -4.26 0.00	38.48 -4.04 0.00	38.84 -4.03 0.00	38.60 -4.67 0.00	41.11 -5.19 0.00	45.61 -5.35 0.00	44.85 -5.39 0.63	44.16 -5.13 0.00	43.32 -4.92 0.00	42.27 -4.33 0.00	40.27 -4.80 1.05	39.89 -4.91 1.11	43.46 -6.52 3.43	43.51 -7.20 7.37	62.19 -6.90 0.63	72.71 -6.84 0.00	66.89 -5.82 0.00	65.62 -5.40 0.00	61.75 -4.86 0.00	58.75 -4.63 0.00	64.39 -3.68 0.00	60.12 -1.73 0.00
DUNKIRK___4 23566	46.29 -4.86 0.00	43.54 -4.25 0.00	40.57 -4.26 0.00	38.48 -4.04 0.00	38.84 -4.03 0.00	38.60 -4.67 0.00	41.11 -5.19 0.00	45.61 -5.35 0.00	44.85 -5.39 0.63	44.16 -5.13 0.00	43.32 -4.92 0.00	42.27 -4.33 0.00	40.27 -4.80 1.05	39.89 -4.91 1.11	43.46 -6.52 3.43	43.51 -7.20 7.37	62.19 -6.90 0.63	72.71 -6.84 0.00	66.89 -5.82 0.00	65.62 -5.40 0.00	61.75 -4.86 0.00	58.75 -4.63 0.00	64.39 -3.68 0.00	60.12 -1.73 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	54.01 2.86 0.00	50.42 2.63 0.00	47.25 2.42 0.00	44.82 2.30 0.00	45.18 2.31 0.00	45.65 2.38 0.00	48.89 2.59 0.00	53.96 3.01 0.00	53.83 2.95 0.00	52.14 2.86 0.00	50.99 2.75 0.00	49.22 2.61 0.00	48.89 2.77 0.00	48.71 2.80 0.00	56.67 3.26 0.00	61.45 3.37 0.00	73.48 3.76 0.00	83.61 4.06 0.00	76.49 3.78 0.00	74.85 3.83 0.00	70.07 3.46 0.00	66.68 3.30 0.00	71.19 3.13 0.00	64.39 2.54 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	53.60 2.46 0.00	50.03 2.25 0.00	46.89 2.06 0.00	44.56 2.04 0.00	44.84 1.97 0.00	45.35 2.08 0.00	48.47 2.18 0.00	53.35 2.39 0.00	53.22 2.34 0.00	51.55 2.27 0.00	50.36 2.12 0.00	48.61 2.00 0.00	48.29 2.17 0.00	48.11 2.20 0.00	55.97 2.56 0.00	60.81 2.73 0.00	72.86 3.14 0.00	83.05 3.50 0.00	75.91 3.20 0.00	74.21 3.20 0.00	69.47 2.86 0.00	66.11 2.73 0.00	70.65 2.59 0.00	63.83 1.98 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	54.27 3.12 0.00	50.66 2.87 0.00	47.47 2.64 0.00	45.02 2.51 0.02	45.34 2.49 0.02	45.85 2.60 0.02	49.10 2.82 0.02	54.17 3.21 0.00	54.08 3.21 0.00	52.39 3.10 0.00	51.17 2.94 0.02	49.43 2.84 0.02	49.06 2.95 0.02	48.94 3.03 0.00	56.92 3.53 0.02	61.74 3.66 0.00	73.90 4.18 0.00	84.25 4.69 0.00	77.00 4.29 0.00	75.28 4.26 0.00	70.34 3.73 0.00	66.99 3.61 0.00	71.53 3.47 0.00	64.57 2.72 0.00

E179THST_13_KV_LOAD 356214	54.47 3.32 0.00	50.80 3.01 0.00	47.61 2.78 0.00	45.19 2.68 0.02	45.51 2.66 0.02	45.98 2.73 0.02	49.29 3.01 0.02	54.37 3.41 0.00	54.29 3.41 0.00	52.59 3.30 0.00	51.36 3.14 0.02	49.62 3.03 0.02	49.29 3.18 0.02	49.17 3.26 0.00	57.13 3.74 0.02	62.03 3.95 0.00	74.25 4.53 0.00	84.64 5.09 0.00	77.36 4.65 0.00	75.70 4.69 0.00	70.67 4.06 0.00	67.31 3.93 0.00	71.81 3.74 0.00	64.88 3.03 0.00
EAST HAMPTON___GT 23717	57.80 6.65 -0.01	54.01 6.21 -0.01	50.39 5.56 0.00	47.50 4.97 0.00	48.10 5.23 0.00	48.46 5.19 0.00	52.14 5.83 -0.01	57.54 6.58 -0.01	57.13 6.26 0.00	55.05 5.76 0.00	53.94 5.69 -0.01	52.06 5.45 -0.01	51.61 5.49 -0.01	51.47 5.55 -0.01	59.99 6.57 -0.02	69.51 7.08 -4.34	110.94 8.86 -32.37	122.69 10.27 -32.87	121.78 9.52 -39.55	118.28 9.37 -37.89	108.55 8.46 -33.48	93.54 8.18 -21.98	76.51 8.44 -0.01	69.34 7.48 -0.01
EAST RIVER___6 23660	54.11 2.97 0.00	50.46 2.67 0.00	47.29 2.46 0.00	44.90 2.38 0.00	45.27 2.40 0.00	45.69 2.42 0.00	48.98 2.68 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.29 3.01 0.00	51.08 2.85 0.00	49.40 2.80 0.00	48.98 2.86 0.00	48.85 2.94 0.00	56.83 3.42 0.00	61.68 3.60 0.00	73.62 3.90 0.00	83.77 4.21 0.00	76.63 3.92 0.00	75.06 4.05 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.33 3.27 0.00	64.33 2.48 0.00
EAST RIVER___7 23524	54.11 2.97 0.00	50.46 2.67 0.00	47.29 2.46 0.00	44.90 2.38 0.00	45.27 2.40 0.00	45.69 2.42 0.00	48.98 2.68 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.29 3.01 0.00	51.08 2.85 0.00	49.40 2.80 0.00	48.98 2.86 0.00	48.85 2.94 0.00	56.83 3.42 0.00	61.68 3.60 0.00	73.62 3.90 0.00	83.77 4.21 0.00	76.63 3.92 0.00	75.06 4.05 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.33 3.27 0.00	64.33 2.48 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	53.91 2.76 0.00	50.32 2.53 0.00	47.16 2.33 0.00	44.73 2.21 0.00	45.10 2.23 0.00	45.56 2.29 0.00	48.80 2.50 0.00	53.81 2.85 0.00	53.67 2.80 0.00	52.00 2.71 0.00	50.84 2.60 0.00	49.08 2.47 0.00	48.75 2.63 0.00	48.57 2.66 0.00	56.51 3.10 0.00	61.28 3.19 0.00	73.28 3.56 0.00	83.37 3.82 0.00	76.27 3.56 0.00	74.64 3.62 0.00	69.87 3.26 0.00	66.49 3.11 0.00	71.06 2.99 0.00	64.20 2.35 0.00
EAST_HAMPTON___DIESEL 23722	57.80 6.65 -0.01	54.01 6.21 -0.01	50.34 5.51 0.00	47.50 4.97 0.00	48.10 5.23 0.00	48.46 5.19 0.00	52.14 5.83 -0.01	57.49 6.52 -0.01	57.13 6.26 0.00	55.05 5.76 0.00	53.94 5.69 -0.01	52.06 5.45 -0.01	51.61 5.49 -0.01	51.47 5.55 -0.01	59.99 6.57 -0.02	69.51 7.08 -4.34	110.94 8.86 -32.37	122.69 10.27 -32.87	121.70 9.45 -39.55	118.28 9.37 -37.89	108.55 8.46 -33.48	93.48 8.11 -21.98	76.51 8.44 -0.01	69.34 7.48 -0.01
EAST_POINT___SOLAR 323840	53.39 2.25 0.00	49.89 2.10 0.00	46.89 2.06 0.00	44.39 1.87 0.00	44.67 1.80 0.00	45.22 1.95 0.00	48.19 1.90 0.00	53.10 2.14 0.00	52.50 1.63 0.00	50.07 0.79 0.00	48.91 0.68 0.00	47.26 0.65 0.00	46.95 0.83 0.00	47.01 1.10 0.00	55.12 1.71 0.00	60.70 2.62 0.00	73.76 4.04 0.00	84.09 4.53 0.00	77.07 4.36 0.00	75.28 4.26 0.00	70.34 3.73 0.00	66.86 3.48 0.00	71.60 3.54 0.00	64.94 3.09 0.00
EAST_PULASKI___ESR 323781	49.97 -1.17 0.00	46.83 -0.96 0.00	43.93 -0.90 0.00	41.63 -0.90 0.00	41.92 -0.94 0.00	42.32 -0.95 0.00	45.28 -1.02 0.00	49.88 -1.07 0.00	49.91 -0.97 0.00	48.35 -0.94 0.00	47.37 -0.87 0.00	45.86 -0.75 0.00	45.38 -0.74 0.00	45.17 -0.74 0.00	52.39 -1.02 0.00	57.09 -0.99 0.00	68.81 -0.91 0.00	78.52 -1.04 0.00	71.69 -1.02 0.00	70.09 -0.93 0.00	65.74 -0.87 0.00	62.62 -0.76 0.00	67.32 -0.75 0.00	61.29 -0.56 0.00
EAST_RIVER___1 323558	54.21 3.07 0.00	50.56 2.77 0.00	47.38 2.55 0.00	44.99 2.47 0.00	45.35 2.49 0.00	45.78 2.51 0.00	49.07 2.78 0.00	54.12 3.16 0.00	53.98 3.10 0.00	52.34 3.06 0.00	51.13 2.89 0.00	49.45 2.84 0.00	49.03 2.91 0.00	48.89 2.98 0.00	56.88 3.47 0.00	61.68 3.60 0.00	73.62 3.90 0.00	83.77 4.21 0.00	76.63 3.92 0.00	75.06 4.05 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.33 3.27 0.00	64.45 2.60 0.00
EAST_RIVER___2 323559	54.11 2.97 0.00	50.46 2.67 0.00	47.29 2.46 0.00	44.90 2.38 0.00	45.27 2.40 0.00	45.69 2.42 0.00	48.98 2.68 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.29 3.01 0.00	51.08 2.85 0.00	49.40 2.80 0.00	48.98 2.86 0.00	48.85 2.94 0.00	56.83 3.42 0.00	61.68 3.60 0.00	73.62 3.90 0.00	83.77 4.21 0.00	76.63 3.92 0.00	75.06 4.05 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.33 3.27 0.00	64.33 2.48 0.00
EAST___DELAWARE_HYD 23607	54.11 2.97 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.99 2.47 0.00	45.22 2.36 0.00	45.69 2.42 0.00	48.79 2.50 0.00	53.76 2.80 0.00	53.62 2.75 0.00	51.85 2.56 0.00	50.55 2.32 0.00	48.84 2.24 0.00	48.47 2.35 0.00	48.34 2.43 0.00	56.29 2.88 0.00	61.22 3.13 0.00	73.69 3.97 0.00	84.25 4.69 0.00	77.00 4.29 0.00	75.21 4.19 0.00	70.34 3.73 0.00	66.86 3.48 0.00	71.40 3.33 0.00	64.45 2.60 0.00
EIGHT_POINT___WT_PWR 323820	47.72 -3.43 0.00	44.92 -2.87 0.00	42.05 -2.78 0.00	39.85 -2.68 0.00	40.25 -2.62 0.00	40.29 -2.99 0.00	43.01 -3.29 0.00	47.69 -3.26 0.00	49.84 -3.36 -2.32	46.03 -3.25 0.00	45.01 -3.23 0.00	43.53 -3.08 0.00	46.74 -3.27 -3.89	46.69 -3.31 -4.09	61.81 -4.27 -12.68	80.63 -4.65 -27.20	67.51 -4.53 -2.32	75.18 -4.38 0.00	69.07 -3.63 0.00	67.75 -3.27 0.00	63.68 -2.93 0.00	60.53 -2.85 0.00	65.82 -2.24 0.00	61.17 -0.68 0.00
ELBRIDGE_115KV_TB2 80188	49.77 -1.38 0.00	46.64 -1.15 0.00	43.71 -1.12 0.00	41.46 -1.06 0.00	41.84 -1.03 0.00	42.19 -1.08 0.00	45.09 -1.20 0.00	49.78 -1.17 0.00	49.81 -1.07 0.00	48.20 -1.08 0.00	47.23 -1.01 0.00	45.67 -0.93 0.00	45.11 -1.01 0.00	44.90 -1.01 0.00	52.07 -1.34 0.00	56.63 -1.45 0.00	68.19 -1.53 0.00	77.96 -1.59 0.00	71.40 -1.31 0.00	69.74 -1.28 0.00	65.41 -1.20 0.00	62.18 -1.20 0.00	66.84 -1.23 0.00	60.80 -1.05 0.00
ELEC_TRO_TEK 24086	54.93 3.78 0.00	51.28 3.49 0.00	48.06 3.23 0.00	45.46 2.93 0.00	45.91 3.04 0.00	46.34 3.07 0.00	49.77 3.47 0.00	54.83 3.87 0.00	54.69 3.82 0.00	52.88 3.60 0.00	51.71 3.47 0.00	49.96 3.36 0.00	49.58 3.46 0.00	49.44 3.53 0.00	57.43 4.01 -0.02	66.55 4.12 -4.34	106.69 4.60 -32.37	117.44 5.01 -32.87	116.91 4.65 -39.55	113.59 4.69 -37.89	104.35 4.26 -33.48	89.48 4.12 -21.98	72.42 4.36 0.00	65.50 3.65 0.00
ELLENBURG_WT_PWR 323604	50.68 -0.46 0.00	47.31 -0.48 0.00	44.38 -0.45 0.00	42.06 -0.47 0.00	42.36 -0.51 0.00	42.71 -0.56 0.00	45.74 -0.55 0.00	50.29 -0.66 0.00	50.21 -0.66 0.00	48.70 -0.59 0.00	47.61 -0.63 0.00	46.00 -0.61 0.00	45.52 -0.60 0.00	45.31 -0.60 0.00	52.98 -0.43 0.00	57.68 -0.40 0.00	69.51 -0.21 0.00	79.47 -0.08 0.00	72.56 -0.15 0.00	70.80 -0.21 0.00	66.48 -0.13 0.00	63.13 -0.25 0.00	67.86 -0.20 0.00	61.79 -0.06 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	45.88 -5.27 0.00	43.15 -4.64 0.00	40.44 -4.39 0.00	38.36 -4.17 0.00	38.71 -4.16 0.00	38.47 -4.80 0.00	40.88 -5.42 0.00	45.30 -5.66 0.00	44.38 -5.75 0.75	43.77 -5.52 0.00	42.84 -5.40 0.00	41.90 -4.71 0.00	39.74 -5.12 1.26	39.40 -5.19 1.32	42.63 -6.68 4.10	41.91 -7.38 8.80	60.95 -8.02 0.75	71.20 -8.35 0.00	65.44 -7.27 0.00	64.20 -6.82 0.00	60.48 -6.13 0.00	57.61 -5.77 0.00	63.37 -4.70 0.00	59.38 -2.47 0.00
EMPIRE_CC_1 323656	53.34 2.20 0.00	49.80 2.01 0.00	46.71 1.88 0.00	44.35 1.83 0.00	44.71 1.84 0.00	45.13 1.86 0.00	48.24 1.94 0.00	52.79 1.83 0.00	52.66 1.78 0.00	51.01 1.72 0.00	50.02 1.79 0.00	48.38 1.77 0.00	47.92 1.80 0.00	47.74 1.84 0.00	55.49 2.08 0.00	60.29 2.21 0.00	72.16 2.44 0.00	81.86 2.31 0.00	74.89 2.18 0.00	73.22 2.20 0.00	68.68 2.07 0.00	65.41 2.03 0.00	70.24 2.18 0.00	63.58 1.73 0.00
EMPIRE_CC_2 323658	53.34 2.20 0.00	49.80 2.01 0.00	46.71 1.88 0.00	44.35 1.83 0.00	44.71 1.84 0.00	45.13 1.86 0.00	48.24 1.94 0.00	52.79 1.83 0.00	52.66 1.78 0.00	51.01 1.72 0.00	50.02 1.79 0.00	48.38 1.77 0.00	47.92 1.80 0.00	47.74 1.84 0.00	55.49 2.08 0.00	60.29 2.21 0.00	72.16 2.44 0.00	81.86 2.31 0.00	74.89 2.18 0.00	73.22 2.20 0.00	68.68 2.07 0.00	65.41 2.03 0.00	70.24 2.18 0.00	63.58 1.73 0.00
ENORWICH_115KV_TB1 80156	52.73 1.59 0.00	49.70 1.91 0.00	46.76 1.93 0.00	44.18 1.66 0.00	44.37 1.50 0.00	44.74 1.47 0.00	47.82 1.53 0.00	53.10 2.14 0.00	53.03 2.04 -0.12	51.16 1.87 0.00	50.02 1.78 0.00	48.24 1.63 0.00	47.94 1.61 -0.20	47.68 1.56 -0.21	55.99 1.92 -0.66	61.94 2.44 -1.42	73.82 3.97 -0.12	84.49 4.93 0.00	77.29 4.58 0.00	75.49 4.47 0.00	70.87 4.26 0.00	66.87 3.49 0.00	71.60 3.54 0.00	65.50 3.65 0.00
ERIE_ST__34_KV_TB1-2 80199	46.70 -4.45 0.00	43.87 -3.92 0.00	41.15 -3.68 0.00	39.04 -3.49 0.00	39.40 -3.47 0.00	39.12 -4.15 0.00	41.62 -4.68 0.00	46.07 -4.89 0.00	45.29 -4.99 0.60	44.50 -4.78 0.00	43.61 -4.63 0.00	42.60 -4.01 0.00	40.73 -4.38 1.01	40.35 -4.50 1.06	43.82 -6.30 3.29	43.82 -7.20 7.06	62.21 -6.90 0.60	72.55 -7.00 0.00	66.75 -5.96 0.00	65.41 -5.61 0.00	61.55 -5.06 0.00	58.63 -4.75 0.00	64.39 -3.68 0.00	60.43 -1.42 0.00
ERIE_WT_PWR 323693	46.08 -5.06 0.00	43.35 -4.44 0.00	40.66 -4.17 0.00	38.48 -4.04 0.00	38.97 -3.90 0.00	38.64 -4.63 0.00	41.06 -5.23 0.00	45.55 -5.40 0.00	44.60 -5.60 0.68	44.01 -5.27 0.00	43.03 -5.21 0.00	41.81 -4.80 0.00	40.05 -4.93 1.14	39.71 -5.00 1.20	43.13 -6.57 3.71	42.79 -7.32 7.97	61.30 -6.90 0.68	71.60 -7.95 0.00	65.87 -6.84 0.00	64.63 -6.39 0.00	60.81 -5.80 0.00	57.99 -5.39 0.00	63.71 -4.36 0.00	60.06 -1.80 0.00
ESPRGFLD_115KV_TB1 80157	51.56 0.41 0.00	48.22 0.43 0.00	45.32 0.49 0.00	42.91 0.38 0.00	43.17 0.30 0.00	43.62 0.35 0.00	46.62 0.32 0.00	51.57 0.61 0.00	51.28 0.41 0.00	49.43 0.15 0.00	48.29 0.05 0.00	46.61 0.00 0.00	46.17 0.05 0.00	46.09 0.18 0.00	53.78 0.37 0.00	58.89 0.81 0.00	71.25 1.53 0.00	81.30 1.75 0.00	74.38 1.67 0.00	72.65 1.63 0.00	68.01 1.40 0.00	64.65 1.27 0.00	69.22 1.16 0.00	62.90 1.05 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	50.99 -0.15 0.00	47.84 0.05 0.00	44.87 0.04 0.00	42.57 0.04 0.00	42.87 0.00 0.00	43.27 0.00 0.00	46.30 0.00 0.00	51.16 0.20 0.00	51.34 0.25 -0.20	49.43 0.15 0.00	48.43 0.19 0.00	46.79 0.19 0.00	46.55 0.09 -0.34	46.36 0.09 -0.36	54.52 0.00 -1.11	60.47 0.00 -2.39	70.41 0.49 -0.20	80.43 0.88 0.00	73.65 0.95 0.00	72.01 0.99 0.00	67.54 0.93 0.00	64.08 0.70 0.00	68.88 0.82 0.00	62.72 0.87 0.00
ETNA____115KV_TB2 80207	50.99 -0.15 0.00	47.84 0.05 0.00	44.87 0.04 0.00	42.57 0.04 0.00	42.87 0.00 0.00	43.27 0.00 0.00	46.30 0.00 0.00	51.16 0.20 0.00	51.34 0.25 -0.20	49.43 0.15 0.00	48.43 0.19 0.00	46.79 0.19 0.00	46.55 0.09 -0.34	46.36 0.09 -0.36	54.52 0.00 -1.11	60.47 0.00 -2.39	70.41 0.49 -0.20	80.43 0.88 0.00	73.65 0.95 0.00	72.01 0.99 0.00	67.54 0.93 0.00	64.08 0.70 0.00	68.88 0.82 0.00	62.72 0.87 0.00
EUCLID__115KV_TB2 356179	49.51 -1.64 0.00	46.40 -1.39 0.00	43.48 -1.34 0.00	41.25 -1.28 0.00	41.62 -1.24 0.00	41.97 -1.30 0.00	44.86 -1.44 0.00	49.53 -1.43 0.00	49.50 -1.37 0.00	47.91 -1.38 0.00	46.94 -1.30 0.00	45.44 -1.17 0.00	44.87 -1.25 0.00	44.67 -1.24 0.00	51.81 -1.60 0.00	56.34 -1.74 0.00	67.77 -1.95 0.00	77.41 -2.15 0.00	70.82 -1.89 0.00	69.24 -1.78 0.00	64.94 -1.67 0.00	61.73 -1.65 0.00	66.36 -1.70 0.00	60.43 -1.42 0.00
E_CANADA_CAP_HY 24051	51.91 0.77 0.00	48.51 0.72 0.00	45.59 0.76 0.00	43.16 0.64 0.00	43.42 0.56 0.00	43.96 0.69 0.00	46.85 0.56 0.00	51.72 0.77 0.00	51.28 0.41 0.00	49.19 -0.10 0.00	48.00 -0.24 0.00	46.33 -0.28 0.00	45.94 -0.18 0.00	45.95 0.05 0.00	53.83 0.43 0.00	59.13 1.05 0.00	71.67 1.95 0.00	81.54 1.99 0.00	74.67 1.96 0.00	72.94 1.92 0.00	68.14 1.53 0.00	64.96 1.59 0.00	69.56 1.50 0.00	63.02 1.17 0.00
E_CANADA_MHWK_HY 24050	54.06 2.91 0.00	50.51 2.72 0.00	47.43 2.60 0.00	44.99 2.47 0.00	45.27 2.40 0.00	45.65 2.38 0.00	48.70 2.41 0.00	53.60 2.65 0.00	53.47 2.59 0.00	51.80 2.51 0.00	50.65 2.41 0.00	48.93 2.33 0.00	48.38 2.26 0.00	48.11 2.20 0.00	55.92 2.51 0.00	60.81 2.73 0.00	73.14 3.42 0.00	83.45 3.90 0.00	76.27 3.56 0.00	74.50 3.48 0.00	69.87 3.26 0.00	66.74 3.36 0.00	71.80 3.74 0.00	65.38 3.52 0.00
E_FISHKILL__LBMP 23776	53.60 2.46 0.00	50.08 2.29 0.00	46.94 2.11 0.00	44.52 2.00 0.00	44.88 2.01 0.00	45.35 2.08 0.00	48.52 2.22 0.00	53.45 2.50 0.00	53.32 2.44 0.00	51.65 2.37 0.00	50.51 2.27 0.00	48.80 2.19 0.00	48.43 2.31 0.00	48.25 2.34 0.00	56.13 2.72 0.00	60.93 2.85 0.00	72.86 3.14 0.00	82.81 3.26 0.00	75.76 3.05 0.00	74.14 3.12 0.00	69.41 2.80 0.00	66.04 2.66 0.00	70.65 2.59 0.00	63.89 2.04 0.00
FALCON__SEABRD_CC1 323796	51.35 0.21 0.00	47.88 0.10 0.00	44.92 0.09 0.00	42.57 0.04 0.00	42.82 -0.04 0.00	43.18 -0.09 0.00	46.34 0.05 0.00	50.86 -0.10 0.00	50.83 -0.05 0.00	49.29 0.00 0.00	48.19 -0.05 0.00	46.56 -0.05 0.00	46.07 -0.05 0.00	45.86 -0.05 0.00	53.62 0.21 0.00	58.32 0.23 0.00	70.42 0.70 0.00	80.58 1.03 0.00	73.51 0.80 0.00	71.73 0.71 0.00	67.47 0.86 0.00	64.01 0.63 0.00	68.67 0.61 0.00	62.60 0.74 0.00
FALCON__SEABRD_CC2 323797	51.35 0.21 0.00	47.88 0.10 0.00	44.92 0.09 0.00	42.57 0.04 0.00	42.82 -0.04 0.00	43.18 -0.09 0.00	46.34 0.05 0.00	50.86 -0.10 0.00	50.83 -0.05 0.00	49.29 0.00 0.00	48.19 -0.05 0.00	46.56 -0.05 0.00	46.07 -0.05 0.00	45.86 -0.05 0.00	53.62 0.21 0.00	58.32 0.23 0.00	70.42 0.70 0.00	80.58 1.03 0.00	73.51 0.80 0.00	71.73 0.71 0.00	67.47 0.86 0.00	64.01 0.63 0.00	68.67 0.61 0.00	62.60 0.74 0.00

FAR ROCKAWAY___4 23548	55.65 4.50 0.00	51.99 4.21 0.00	48.68 3.86 0.00	46.01 3.49 0.00	46.47 3.60 0.00	46.91 3.63 0.00	50.32 4.03 0.00	55.54 4.59 0.00	55.35 4.48 0.00	53.52 4.24 0.00	52.44 4.20 0.00	50.61 4.01 0.00	50.27 4.15 0.00	50.09 4.18 0.00	58.24 4.81 -0.02	67.36 4.94 -4.34	107.80 5.72 -32.37	118.79 6.36 -32.87	118.14 5.89 -39.55	114.80 5.89 -37.89	105.42 5.33 -33.48	90.50 5.13 -21.98	73.51 5.45 0.00	66.49 4.64 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	54.21 3.07 0.00	50.56 2.77 0.00	47.38 2.56 0.00	44.99 2.47 0.00	45.31 2.44 0.00	45.78 2.51 0.00	49.07 2.78 0.00	54.12 3.16 0.00	54.03 3.15 0.00	52.34 3.06 0.00	51.13 2.89 0.00	49.40 2.80 0.00	49.03 2.91 0.00	48.89 2.98 0.00	56.88 3.47 0.00	61.68 3.60 0.00	73.62 3.90 0.00	83.77 4.22 0.00	76.63 3.93 0.00	75.07 4.05 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.33 3.27 0.00	64.51 2.66 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	54.21 3.07 0.00	50.61 2.82 0.00	47.43 2.60 0.00	44.99 2.47 0.00	45.31 2.44 0.00	45.82 2.55 0.00	49.07 2.78 0.00	54.17 3.21 0.00	54.03 3.15 0.00	52.34 3.06 0.00	51.13 2.89 0.00	49.40 2.80 0.00	49.03 2.91 0.00	48.89 2.98 0.00	56.88 3.47 0.00	61.74 3.66 0.00	73.62 3.90 0.00	83.85 4.30 0.00	76.71 4.00 0.00	75.07 4.05 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.40 3.34 0.00	64.51 2.66 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	54.21 3.07 0.00	50.56 2.77 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.78 2.51 0.00	49.07 2.78 0.00	54.12 3.16 0.00	53.98 3.10 0.00	52.29 3.01 0.00	51.08 2.85 0.00	49.36 2.75 0.00	49.03 2.91 0.00	48.89 2.98 0.00	56.83 3.42 0.00	61.68 3.60 0.00	73.55 3.83 0.00	83.77 4.22 0.00	76.63 3.93 0.00	74.99 3.98 0.00	70.21 3.60 0.00	66.87 3.49 0.00	71.33 3.27 0.00	64.45 2.60 0.00
FARRAGUT___LBMP 323566	54.16 3.02 0.00	50.51 2.72 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.27 2.40 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.29 3.01 0.00	51.08 2.85 0.00	49.31 2.70 0.00	48.98 2.86 0.00	48.84 2.94 0.00	56.83 3.42 0.00	61.62 3.54 0.00	73.48 3.76 0.00	83.69 4.14 0.00	76.56 3.85 0.00	74.99 3.98 0.00	70.14 3.53 0.00	66.87 3.49 0.00	71.26 3.20 0.00	64.39 2.54 0.00
FENNER___WINDPWR 24204	51.45 0.31 0.00	48.22 0.43 0.00	45.28 0.45 0.00	42.90 0.38 0.00	43.21 0.34 0.00	43.62 0.34 0.00	46.66 0.37 0.00	51.57 0.61 0.00	51.49 0.61 0.00	49.88 0.59 0.00	48.86 0.63 0.00	47.17 0.56 0.00	46.68 0.56 0.00	46.50 0.60 0.00	53.94 0.53 0.00	58.72 0.64 0.00	70.77 1.05 0.00	80.82 1.27 0.00	73.87 1.16 0.00	72.15 1.13 0.00	67.67 1.06 0.00	64.39 1.01 0.00	69.09 1.02 0.00	62.97 1.11 0.00
FIBERTEK___ENERGY 23856	50.07 -1.07 0.00	46.93 -0.86 0.00	43.98 -0.85 0.00	41.72 -0.81 0.00	42.10 -0.77 0.00	42.45 -0.82 0.00	45.42 -0.88 0.00	50.09 -0.87 0.00	50.11 -0.76 0.00	48.55 -0.74 0.00	47.56 -0.68 0.00	46.00 -0.61 0.00	45.43 -0.69 0.00	45.26 -0.64 0.00	52.45 -0.96 0.00	57.04 -1.05 0.00	68.67 -1.05 0.00	78.52 -1.03 0.00	71.84 -0.87 0.00	70.24 -0.78 0.00	65.88 -0.73 0.00	62.62 -0.76 0.00	67.25 -0.82 0.00	61.17 -0.68 0.00
FITZPATRICK___ 23598	48.90 -2.25 0.00	45.78 -2.01 0.00	42.90 -1.93 0.00	40.70 -1.83 0.00	41.07 -1.80 0.00	41.41 -1.86 0.00	44.31 -1.99 0.00	48.87 -2.09 0.00	48.84 -2.04 0.00	47.26 -2.02 0.00	46.26 -1.98 0.00	44.74 -1.87 0.00	44.23 -1.89 0.00	44.07 -1.84 0.00	51.11 -2.30 0.00	55.59 -2.50 0.00	66.79 -2.93 0.00	76.29 -3.27 0.00	69.80 -2.91 0.00	68.17 -2.84 0.00	63.94 -2.67 0.00	60.84 -2.54 0.00	65.41 -2.66 0.00	59.56 -2.29 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	54.16 3.02 0.00	50.56 2.77 0.00	47.38 2.56 0.00	44.99 2.47 0.00	45.27 2.40 0.00	45.78 2.51 0.00	48.89 2.59 0.00	53.81 2.85 0.00	53.73 2.85 0.00	52.00 2.71 0.00	50.75 2.51 0.00	48.98 2.38 0.00	48.70 2.58 0.00	48.52 2.62 0.00	56.51 3.10 0.00	61.39 3.31 0.00	73.62 3.90 0.00	84.01 4.45 0.00	76.78 4.07 0.00	74.99 3.98 0.00	70.21 3.60 0.00	66.80 3.42 0.00	71.33 3.27 0.00	64.39 2.54 0.00
FORT ORANGE___ 23900	53.50 2.35 0.00	49.99 2.20 0.00	46.89 2.06 0.00	44.48 1.96 0.00	44.80 1.93 0.00	45.26 1.99 0.00	48.33 2.03 0.00	52.64 1.68 0.00	52.46 1.58 0.00	50.86 1.58 0.00	49.74 1.50 0.00	48.00 1.40 0.00	47.60 1.48 0.00	47.42 1.51 0.00	55.23 1.82 0.00	59.94 1.86 0.00	71.81 2.09 0.00	81.62 2.06 0.00	74.74 2.03 0.00	73.00 1.99 0.00	68.54 1.93 0.00	65.28 1.90 0.00	70.04 1.98 0.00	63.40 1.55 0.00
FORT_DRUM_COGEN 23780	51.56 0.41 0.00	48.31 0.53 0.00	45.46 0.63 0.00	42.86 0.34 0.00	43.04 0.17 0.00	43.44 0.17 0.00	46.48 0.19 0.00	51.47 0.51 0.00	51.39 0.51 0.00	49.98 0.69 0.00	48.96 0.72 0.00	47.26 0.65 0.00	46.81 0.69 0.00	46.60 0.69 0.00	54.16 0.75 0.00	59.13 1.05 0.00	71.74 2.02 0.00	82.10 2.55 0.00	74.89 2.18 0.00	73.01 1.99 0.00	68.61 2.00 0.00	65.34 1.96 0.00	69.97 1.91 0.00	64.08 2.23 0.00
FOX_HILLS___ESR 323835	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.30 3.01 0.00	54.42 3.47 0.00	54.23 3.36 0.00	52.49 3.20 0.00	51.33 3.09 0.00	49.54 2.94 0.00	49.16 3.04 0.00	49.03 3.12 0.00	57.04 3.63 0.00	61.92 3.83 0.00	74.11 4.39 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.74 4.13 0.00	67.31 3.93 0.00	72.01 3.95 0.00	65.01 3.15 0.00
FPL_FAR_ROCK_GT1 24212	55.66 4.50 -0.01	52.00 4.21 -0.01	48.68 3.86 0.00	46.01 3.49 0.00	46.51 3.64 0.00	46.91 3.64 0.00	50.33 4.03 -0.01	55.55 4.59 -0.01	55.35 4.48 0.00	53.52 4.24 0.00	52.44 4.19 -0.01	50.72 4.10 -0.01	50.28 4.15 -0.01	50.10 4.18 -0.01	58.18 4.75 -0.02	67.36 4.93 -4.34	107.73 5.64 -32.37	118.79 6.37 -32.87	118.14 5.89 -39.55	114.79 5.89 -37.89	105.42 5.33 -33.48	90.49 5.13 -21.98	73.52 5.45 -0.01	66.50 4.64 -0.01
FPL_FAR_ROCK_GT2 23815	55.66 4.50 -0.01	52.00 4.21 -0.01	48.68 3.86 0.00	46.01 3.49 0.00	46.51 3.64 0.00	46.91 3.64 0.00	50.33 4.03 -0.01	55.55 4.59 -0.01	55.35 4.48 0.00	53.52 4.24 0.00	52.44 4.19 -0.01	50.72 4.10 -0.01	50.28 4.15 -0.01	50.10 4.18 -0.01	58.18 4.75 -0.02	67.36 4.93 -4.34	107.73 5.64 -32.37	118.79 6.37 -32.87	118.14 5.89 -39.55	114.79 5.89 -37.89	105.42 5.33 -33.48	90.49 5.13 -21.98	73.52 5.45 -0.01	66.50 4.64 -0.01
FRANKLIN_FALL_HYD 24054	51.71 0.56 0.00	48.17 0.38 0.00	45.19 0.36 0.00	42.86 0.34 0.00	43.12 0.26 0.00	43.53 0.26 0.00	46.76 0.46 0.00	51.36 0.41 0.00	51.39 0.51 0.00	49.88 0.59 0.00	48.72 0.48 0.00	47.02 0.42 0.00	46.54 0.42 0.00	46.32 0.41 0.00	54.16 0.75 0.00	58.78 0.70 0.00	70.97 1.25 0.00	81.14 1.59 0.00	74.09 1.38 0.00	72.30 1.28 0.00	68.08 1.47 0.00	64.58 1.20 0.00	69.29 1.23 0.00	63.15 1.30 0.00

FREEPORT_EQUS_GT1 23764	55.40 4.24 -0.01	51.67 3.87 -0.01	48.37 3.54 0.00	45.75 3.23 0.00	46.21 3.35 0.00	46.65 3.38 0.00	50.10 3.80 -0.01	55.25 4.28 -0.01	55.05 4.17 0.00	53.18 3.89 0.00	52.11 3.86 -0.01	50.39 3.77 -0.01	49.95 3.83 -0.01	49.77 3.86 -0.01	57.86 4.43 -0.02	67.01 4.59 -0.01	107.25 5.16 -32.37	117.91 5.48 -32.87	117.34 5.09 -39.55	114.02 5.12 -37.89	104.95 4.86 -33.48	90.05 4.69 -21.98	73.04 4.97 -0.01	66.00 4.14 -0.01
FREEPORT___CT2 23818	55.40 4.24 -0.01	51.67 3.87 -0.01	48.37 3.54 0.00	45.75 3.23 0.00	46.21 3.35 0.00	46.65 3.38 0.00	50.10 3.80 -0.01	55.25 4.28 -0.01	55.05 4.17 0.00	53.18 3.89 0.00	52.11 3.86 -0.01	50.39 3.77 -0.01	49.95 3.83 -0.01	49.77 3.86 -0.01	57.86 4.43 -0.02	67.01 4.59 -0.01	107.25 5.16 -32.37	117.91 5.48 -32.87	117.34 5.09 -39.55	114.02 5.12 -37.89	104.95 4.86 -33.48	90.05 4.69 -21.98	73.04 4.97 -0.01	66.00 4.14 -0.01
FRESHKLS_33_KV_LOAD 356253	54.47 3.32 0.00	50.85 3.06 0.00	47.70 2.87 0.00	45.20 2.68 0.00	45.57 2.70 0.00	46.04 2.77 0.00	49.30 3.01 0.00	54.37 3.41 0.00	54.18 3.31 0.00	52.39 3.10 0.00	51.23 2.99 0.00	49.40 2.80 0.00	49.03 2.91 0.00	48.89 2.98 0.00	56.93 3.53 0.00	61.72 3.66 0.02	73.89 4.18 0.02	84.23 4.69 0.02	77.05 4.36 0.02	75.40 4.40 0.02	70.52 3.93 0.02	67.10 3.74 0.02	71.79 3.74 0.02	64.81 2.97 0.02
FULTON COGEN____ 23766	49.36 -1.79 0.00	46.21 -1.58 0.00	43.35 -1.48 0.00	41.12 -1.40 0.00	41.45 -1.41 0.00	41.80 -1.47 0.00	44.72 -1.57 0.00	49.38 -1.58 0.00	49.40 -1.48 0.00	47.81 -1.48 0.00	46.84 -1.40 0.00	45.30 -1.30 0.00	44.78 -1.34 0.00	44.58 -1.33 0.00	51.70 -1.71 0.00	56.22 -1.86 0.00	67.63 -2.09 0.00	77.33 -2.23 0.00	70.74 -1.96 0.00	69.17 -1.85 0.00	64.88 -1.73 0.00	61.61 -1.77 0.00	66.23 -1.84 0.00	60.24 -1.61 0.00
FULTON___LFGE 323630	53.29 2.15 0.00	49.75 1.96 0.00	46.76 1.93 0.00	44.27 1.74 0.00	44.54 1.67 0.00	45.09 1.82 0.00	48.05 1.76 0.00	52.94 1.99 0.00	52.55 1.68 0.00	50.37 1.08 0.00	49.11 0.87 0.00	47.35 0.74 0.00	46.99 0.87 0.00	47.01 1.10 0.00	55.12 1.71 0.00	60.58 2.50 0.00	73.27 3.55 0.00	83.53 3.98 0.00	76.56 3.85 0.00	74.78 3.76 0.00	69.94 3.33 0.00	66.48 3.10 0.00	71.26 3.20 0.00	64.57 2.72 0.00
G.F.CEMENT___DRP 24184	53.75 2.61 0.00	50.18 2.39 0.00	47.20 2.38 0.00	44.73 2.21 0.00	45.05 2.19 0.00	45.61 2.34 0.00	48.52 2.22 0.00	53.35 2.39 0.00	53.32 2.44 0.00	51.60 2.32 0.00	50.41 2.17 0.00	48.61 2.00 0.00	48.20 2.08 0.00	48.02 2.11 0.00	55.92 2.51 0.00	60.99 2.90 0.00	73.28 3.56 0.00	83.61 4.06 0.00	76.56 3.85 0.00	74.78 3.76 0.00	70.01 3.40 0.00	66.55 3.17 0.00	71.47 3.40 0.00	64.82 2.97 0.00
GARDENVILLE___LBMP 24039	45.98 -5.17 0.00	43.25 -4.54 0.00	40.53 -4.30 0.00	38.44 -4.08 0.00	38.80 -4.07 0.00	38.55 -4.72 0.00	40.97 -5.32 0.00	45.40 -5.55 0.00	44.39 -5.65 0.84	43.86 -5.42 0.00	42.93 -5.31 0.00	41.99 -4.61 0.00	39.74 -4.98 1.40	39.34 -5.10 1.47	42.23 -6.62 4.55	41.00 -7.32 9.77	61.08 -7.81 0.84	71.44 -8.11 0.00	65.66 -7.05 0.00	64.41 -6.60 0.00	60.68 -5.93 0.00	57.80 -5.58 0.00	63.50 -4.56 0.00	59.56 -2.29 0.00
GARDNVLA_35_KV_LD 355827	46.24 -4.91 0.00	43.49 -4.30 0.00	40.75 -4.08 0.00	38.65 -3.87 0.00	39.01 -3.86 0.00	38.73 -4.54 0.00	41.16 -5.14 0.00	45.66 -5.30 0.00	44.73 -5.49 0.65	44.11 -5.17 0.00	43.22 -5.02 0.00	42.27 -4.33 0.00	40.19 -4.84 1.09	39.85 -4.91 1.15	43.39 -6.46 3.56	43.24 -7.20 7.64	61.54 -7.53 0.65	71.84 -7.72 0.00	66.09 -6.62 0.00	64.77 -6.25 0.00	61.01 -5.60 0.00	58.18 -5.20 0.00	63.98 -4.08 0.00	60.00 -1.86 0.00
GELCKHM___115KV_LOAD 80723	49.71 -1.43 0.00	46.59 -1.19 0.00	43.66 -1.17 0.00	41.42 -1.11 0.00	41.80 -1.07 0.00	42.15 -1.13 0.00	45.09 -1.20 0.00	49.73 -1.22 0.00	49.76 -1.12 0.00	48.15 -1.13 0.00	47.18 -1.06 0.00	45.63 -0.98 0.00	45.11 -1.01 0.00	44.90 -1.01 0.00	52.07 -1.34 0.00	56.63 -1.45 0.00	68.12 -1.60 0.00	77.88 -1.67 0.00	71.25 -1.45 0.00	69.67 -1.35 0.00	65.28 -1.33 0.00	62.05 -1.33 0.00	66.70 -1.36 0.00	60.74 -1.11 0.00
GENERAL___MILLS 23808	46.13 -5.01 0.00	43.39 -4.40 0.00	40.66 -4.17 0.00	38.57 -3.95 0.00	38.92 -3.94 0.00	38.68 -4.59 0.00	41.11 -5.19 0.00	45.56 -5.40 0.00	44.65 -5.55 0.68	44.01 -5.27 0.00	43.08 -5.16 0.00	42.13 -4.47 0.00	40.09 -4.89 1.14	39.71 -5.00 1.20	43.13 -6.57 3.71	42.80 -7.32 7.97	61.37 -7.67 0.68	71.60 -7.96 0.00	65.87 -6.83 0.00	64.63 -6.39 0.00	60.88 -5.73 0.00	57.99 -5.39 0.00	63.78 -4.29 0.00	59.81 -2.04 0.00
GE_PLASTICS___DRP 24183	52.94 1.79 0.00	49.46 1.67 0.00	46.40 1.57 0.00	44.01 1.49 0.00	44.37 1.50 0.00	44.79 1.51 0.00	47.87 1.57 0.00	52.33 1.38 0.00	52.20 1.32 0.00	50.57 1.28 0.00	49.49 1.25 0.00	47.77 1.17 0.00	47.37 1.25 0.00	47.19 1.29 0.00	54.91 1.50 0.00	59.59 1.51 0.00	71.32 1.60 0.00	81.06 1.51 0.00	74.23 1.53 0.00	72.58 1.56 0.00	68.08 1.47 0.00	64.84 1.46 0.00	69.56 1.50 0.00	63.09 1.24 0.00
GILBOA___1 23756	52.53 1.38 0.00	49.08 1.29 0.00	46.04 1.21 0.00	43.67 1.15 0.00	44.03 1.16 0.00	44.44 1.17 0.00	47.55 1.25 0.00	52.28 1.32 0.00	52.15 1.27 0.00	50.52 1.23 0.00	49.44 1.21 0.00	47.77 1.17 0.00	47.32 1.20 0.00	47.15 1.24 0.00	54.80 1.39 0.00	59.53 1.45 0.00	71.32 1.60 0.00	81.23 1.67 0.00	74.31 1.60 0.00	72.65 1.63 0.00	68.07 1.46 0.00	64.77 1.39 0.00	69.49 1.43 0.00	62.97 1.11 0.00
GILBOA___2 23757	52.53 1.38 0.00	49.08 1.29 0.00	46.04 1.21 0.00	43.67 1.15 0.00	44.03 1.16 0.00	44.44 1.17 0.00	47.55 1.25 0.00	52.28 1.32 0.00	52.15 1.27 0.00	50.52 1.23 0.00	49.44 1.21 0.00	47.77 1.17 0.00	47.32 1.20 0.00	47.15 1.24 0.00	54.80 1.39 0.00	59.53 1.45 0.00	71.32 1.60 0.00	81.23 1.67 0.00	74.31 1.60 0.00	72.65 1.63 0.00	68.07 1.46 0.00	64.77 1.39 0.00	69.49 1.43 0.00	62.97 1.11 0.00
GILBOA___3 23758	52.53 1.38 0.00	49.08 1.29 0.00	46.04 1.21 0.00	43.67 1.15 0.00	44.03 1.16 0.00	44.44 1.17 0.00	47.55 1.25 0.00	52.28 1.32 0.00	52.15 1.27 0.00	50.52 1.23 0.00	49.44 1.21 0.00	47.77 1.17 0.00	47.32 1.20 0.00	47.15 1.24 0.00	54.80 1.39 0.00	59.53 1.45 0.00	71.32 1.60 0.00	81.23 1.67 0.00	74.31 1.60 0.00	72.65 1.63 0.00	68.07 1.46 0.00	64.77 1.39 0.00	69.49 1.43 0.00	62.97 1.11 0.00
GILBOA___4 23759	52.53 1.38 0.00	49.08 1.29 0.00	46.04 1.21 0.00	43.67 1.15 0.00	44.03 1.16 0.00	44.44 1.17 0.00	47.55 1.25 0.00	52.28 1.32 0.00	52.15 1.27 0.00	50.52 1.23 0.00	49.44 1.21 0.00	47.77 1.17 0.00	47.32 1.20 0.00	47.15 1.24 0.00	54.80 1.39 0.00	59.53 1.45 0.00	71.32 1.60 0.00	81.23 1.67 0.00	74.31 1.60 0.00	72.65 1.63 0.00	68.07 1.46 0.00	64.77 1.39 0.00	69.49 1.43 0.00	62.97 1.11 0.00

GILBOA____ 23599	52.53 1.38 0.00	49.08 1.29 0.00	46.04 1.21 0.00	43.67 1.15 0.00	44.02 1.16 0.00	44.44 1.17 0.00	47.55 1.25 0.00	52.28 1.32 0.00	52.15 1.27 0.00	50.52 1.23 0.00	49.44 1.21 0.00	47.77 1.17 0.00	47.32 1.20 0.00	47.15 1.24 0.00	54.80 1.39 0.00	59.53 1.45 0.00	71.32 1.60 0.00	81.22 1.67 0.00	74.31 1.60 0.00	72.65 1.63 0.00	68.08 1.47 0.00	64.77 1.39 0.00	69.49 1.43 0.00	62.97 1.11 0.00
GINNA____ 23603	46.14 -5.01 0.00	43.25 -4.54 0.00	40.53 -4.30 0.00	38.36 -4.17 0.00	38.84 -4.03 0.00	39.07 -4.20 0.00	41.67 -4.63 0.00	46.16 -4.79 0.00	46.20 -4.68 0.00	44.95 -4.34 0.00	43.99 -4.25 0.00	42.55 -4.06 0.00	41.88 -4.24 0.00	41.77 -4.13 0.00	48.50 -4.91 0.00	52.85 -5.23 0.00	63.58 -6.14 0.00	73.03 -6.52 0.00	67.04 -5.67 0.00	65.41 -5.61 0.00	61.48 -5.13 0.00	58.37 -5.01 0.00	63.10 -4.97 0.00	57.96 -3.89 0.00
GLEN PARK____ 23778	51.61 0.46 0.00	48.41 0.62 0.00	45.54 0.72 0.00	42.95 0.43 0.00	43.13 0.26 0.00	43.53 0.26 0.00	46.57 0.28 0.00	51.62 0.66 0.00	51.54 0.66 0.00	50.07 0.79 0.00	49.06 0.82 0.00	47.31 0.70 0.00	46.90 0.78 0.00	46.73 0.83 0.00	54.21 0.80 0.00	59.30 1.22 0.00	72.09 2.37 0.00	82.41 2.86 0.00	75.18 2.47 0.00	73.29 2.27 0.00	68.94 2.33 0.00	65.60 2.22 0.00	70.24 2.18 0.00	64.26 2.41 0.00
GLENDALE_27_KV_LOAD 356172	54.73 3.58 0.00	51.04 3.25 0.00	47.83 3.00 0.00	45.37 2.85 0.00	45.70 2.83 0.00	46.21 2.94 0.00	49.49 3.19 0.00	54.63 3.67 0.00	54.49 3.61 0.00	52.78 3.50 0.00	51.57 3.33 0.00	49.82 3.22 0.00	49.49 3.37 0.00	49.35 3.44 0.00	57.36 3.95 0.00	62.26 4.18 0.00	74.32 4.60 0.00	84.64 5.09 0.00	77.43 4.73 0.00	75.85 4.83 0.00	70.94 4.33 0.00	67.56 4.18 0.00	72.08 4.02 0.00	65.13 3.28 0.00
GLENWOOD_IC_1_G5 23712	54.78 3.63 0.00	51.13 3.35 0.00	47.92 3.09 0.00	45.37 2.85 0.00	45.78 2.91 0.00	46.21 2.94 0.00	49.58 3.29 0.00	54.68 3.72 0.00	54.54 3.66 0.00	52.74 3.45 0.00	51.66 3.42 0.00	49.91 3.31 0.00	49.53 3.41 0.00	49.35 3.44 0.00	57.38 3.95 -0.02	66.55 4.12 -4.34	106.76 4.67 -32.37	117.52 5.09 -32.87	116.98 4.73 -39.55	113.66 4.76 -37.89	104.42 4.33 -33.48	89.55 4.18 -21.98	72.28 4.22 0.00	65.32 3.46 0.00
GLENWOOD_IC_2_G1 23688	54.48 3.32 -0.01	50.86 3.06 -0.01	47.65 2.83 0.00	45.16 2.64 0.00	45.57 2.70 0.00	46.00 2.73 0.00	49.31 3.01 -0.01	54.38 3.41 -0.01	54.18 3.31 0.00	52.49 3.20 0.00	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.06 3.63 -0.02	66.20 3.77 -4.34	106.27 4.18 -32.37	117.04 4.61 -32.87	116.54 4.29 -39.55	113.24 4.33 -37.89	103.95 3.86 -33.48	89.10 3.74 -21.98	71.81 3.74 -0.01	64.89 3.03 -0.01
GLENWOOD_IC_3_G1 23689	54.48 3.32 -0.01	50.86 3.06 -0.01	47.65 2.83 0.00	45.16 2.64 0.00	45.57 2.70 0.00	46.00 2.73 0.00	49.31 3.01 -0.01	54.38 3.41 -0.01	54.18 3.31 0.00	52.49 3.20 0.00	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.06 3.63 -0.02	66.20 3.77 -4.34	106.27 4.18 -32.37	117.04 4.61 -32.87	116.54 4.29 -39.55	113.24 4.33 -37.89	103.95 3.86 -33.48	89.10 3.74 -21.98	71.81 3.74 -0.01	64.89 3.03 -0.01
GLENWOOD____4 23550	54.78 3.63 0.00	51.13 3.35 0.00	47.92 3.09 0.00	45.37 2.85 0.00	45.78 2.91 0.00	46.21 2.94 0.00	49.58 3.29 0.00	54.68 3.72 0.00	54.54 3.66 0.00	52.74 3.45 0.00	51.66 3.42 0.00	49.91 3.31 0.00	49.53 3.41 0.00	49.35 3.44 0.00	57.38 3.95 -0.02	66.55 4.12 -4.34	106.76 4.67 -32.37	117.52 5.09 -32.87	116.98 4.73 -39.55	113.66 4.76 -37.89	104.42 4.33 -33.48	89.55 4.18 -21.98	72.28 4.22 0.00	65.32 3.46 0.00
GLENWOOD____5 23614	54.78 3.63 0.00	51.13 3.35 0.00	47.92 3.09 0.00	45.37 2.85 0.00	45.78 2.91 0.00	46.21 2.94 0.00	49.58 3.29 0.00	54.68 3.72 0.00	54.54 3.66 0.00	52.74 3.45 0.00	51.66 3.42 0.00	49.91 3.31 0.00	49.53 3.41 0.00	49.35 3.44 0.00	57.38 3.95 -0.02	66.55 4.12 -4.34	106.76 4.67 -32.37	117.52 5.09 -32.87	116.98 4.73 -39.55	113.66 4.76 -37.89	104.42 4.33 -33.48	89.55 4.18 -21.98	72.28 4.22 0.00	65.32 3.46 0.00
GLOBAL GREEN_PORT_GT1 23814	57.75 6.60 -0.01	53.96 6.17 -0.01	50.34 5.51 0.00	47.45 4.93 0.00	48.05 5.18 0.00	48.42 5.15 0.00	52.09 5.79 -0.01	57.49 6.52 -0.01	57.13 6.26 0.00	55.05 5.76 0.00	53.94 5.69 -0.01	52.06 5.45 -0.01	51.61 5.49 -0.01	51.47 5.55 -0.01	59.99 6.57 -0.02	69.51 7.08 -4.34	110.94 8.86 -32.37	122.69 10.27 -32.87	121.70 9.45 -39.55	118.28 9.37 -37.89	108.48 8.39 -33.48	93.48 8.11 -21.98	76.44 8.37 -0.01	69.28 7.42 -0.01
GLOBE____DSASP 323697	44.39 -6.75 0.00	41.82 -5.97 0.00	39.18 -5.65 0.00	37.12 -5.40 0.00	37.47 -5.40 0.00	37.30 -5.97 0.00	39.58 -6.71 0.00	43.87 -7.08 0.00	43.83 -6.51 0.54	42.39 -6.90 0.00	41.44 -6.80 0.00	40.64 -5.97 0.00	39.45 -5.77 0.90	39.13 -5.83 0.95	43.21 -7.26 2.94	43.88 -7.90 6.30	60.19 -8.99 0.54	68.65 -10.90 0.00	63.11 -9.60 0.00	61.86 -9.16 0.00	58.28 -8.33 0.00	55.71 -7.67 0.00	61.26 -6.81 0.00	57.40 -4.45 0.00
GOETHSLN____LBMP 323567	53.96 2.81 0.00	50.32 2.53 0.00	47.20 2.38 0.00	44.78 2.25 0.00	45.14 2.27 0.00	45.61 2.34 0.00	48.84 2.55 0.00	53.91 2.96 0.00	53.78 2.90 0.00	52.09 2.81 0.00	50.89 2.65 0.00	49.17 2.56 0.00	48.84 2.72 0.00	48.71 2.80 0.00	56.61 3.20 0.00	61.39 3.31 0.00	73.14 3.42 0.00	83.21 3.66 0.00	76.13 3.42 0.00	74.57 3.55 0.00	69.81 3.20 0.00	66.49 3.11 0.00	70.85 2.79 0.00	64.02 2.16 0.00
GOLAH____69_KV_TB 1_2 80279	47.62 -3.53 0.00	44.68 -3.11 0.00	41.87 -2.96 0.00	39.72 -2.81 0.00	40.12 -2.74 0.00	40.24 -3.03 0.00	42.82 -3.47 0.00	47.44 -3.52 0.00	47.37 -3.51 0.00	46.03 -3.25 0.00	45.05 -3.18 0.00	43.86 -2.75 0.00	42.94 -3.18 0.00	42.74 -3.17 0.00	49.51 -3.90 0.00	53.90 -4.18 0.00	65.05 -4.67 0.00	74.86 -4.69 0.00	68.78 -3.93 0.00	67.18 -3.83 0.00	63.21 -3.40 0.00	60.08 -3.30 0.00	65.27 -2.79 0.00	60.37 -1.48 0.00
GOODYEAR_LAKE_HYD 323669	52.17 1.02 0.00	48.84 1.05 0.00	45.86 1.03 0.00	43.46 0.94 0.00	43.72 0.86 0.00	44.14 0.87 0.00	47.22 0.93 0.00	52.18 1.22 0.00	52.05 1.17 0.00	50.37 1.08 0.00	49.25 1.01 0.00	47.54 0.93 0.00	47.09 0.97 0.00	46.92 1.01 0.00	54.58 1.18 0.00	59.48 1.39 0.00	71.81 2.09 0.00	81.94 2.39 0.00	74.89 2.18 0.00	73.15 2.13 0.00	68.54 1.93 0.00	65.22 1.84 0.00	69.83 1.77 0.00	63.46 1.61 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	50.12 -1.02 0.00	47.02 -0.76 0.00	44.11 -0.72 0.00	41.84 -0.68 0.00	42.18 -0.69 0.00	42.49 -0.78 0.00	45.42 -0.88 0.00	50.14 -0.82 0.00	50.11 -0.76 0.00	48.50 -0.79 0.00	47.51 -0.72 0.00	45.95 -0.65 0.00	45.38 -0.74 0.00	45.13 -0.78 0.00	52.23 -1.18 0.00	56.80 -1.28 0.00	68.60 -1.12 0.00	78.52 -1.03 0.00	71.91 -0.80 0.00	70.38 -0.64 0.00	66.08 -0.53 0.00	62.81 -0.57 0.00	67.59 -0.48 0.00	61.79 -0.06 0.00

GOUDEY___7 23579	50.12 -1.02 0.00	47.02 -0.76 0.00	44.11 -0.72 0.00	41.84 -0.68 0.00	42.18 -0.69 0.00	42.49 -0.78 0.00	45.42 -0.88 0.00	50.14 -0.82 0.00	50.11 -0.76 0.00	48.50 -0.79 0.00	47.51 -0.72 0.00	45.95 -0.65 0.00	45.38 -0.74 0.00	45.13 -0.78 0.00	52.23 -1.18 0.00	56.80 -1.28 0.00	68.60 -1.12 0.00	78.52 -1.03 0.00	71.91 -0.80 0.00	70.38 -0.64 0.00	66.08 -0.53 0.00	62.81 -0.57 0.00	67.59 -0.48 0.00	61.79 -0.06 0.00
GOUDEY___8 23580	50.12 -1.02 0.00	47.02 -0.76 0.00	44.11 -0.72 0.00	41.84 -0.68 0.00	42.18 -0.69 0.00	42.49 -0.78 0.00	45.42 -0.88 0.00	50.14 -0.82 0.00	50.11 -0.76 0.00	48.50 -0.79 0.00	47.51 -0.72 0.00	45.95 -0.65 0.00	45.38 -0.74 0.00	45.13 -0.78 0.00	52.23 -1.18 0.00	56.80 -1.28 0.00	68.60 -1.12 0.00	78.52 -1.03 0.00	71.91 -0.80 0.00	70.38 -0.64 0.00	66.08 -0.53 0.00	62.81 -0.57 0.00	67.59 -0.48 0.00	61.79 -0.06 0.00
GOWANUS_GT1_1 24077	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
GOWANUS_GT1_2 24078	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
GOWANUS_GT1_3 24079	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
GOWANUS_GT1_4 24080	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
GOWANUS_GT1_5 24084	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
GOWANUS_GT1_6 24111	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
GOWANUS_GT1_7 24112	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
GOWANUS_GT1_8 24113	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
GOWANUS_GT2_1 24114	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
GOWANUS_GT2_2 24115	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
GOWANUS_GT2_3 24116	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
GOWANUS_GT2_4 24117	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
GOWANUS_GT2_5 24118	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01

GOWANUS_GT2_6 24119	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
GOWANUS_GT2_7 24120	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
GOWANUS_GT2_8 24121	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
GOWANUS_GT3_1 24122	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
GOWANUS_GT3_2 24123	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
GOWANUS_GT3_3 24124	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
GOWANUS_GT3_4 24125	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
GOWANUS_GT3_5 24126	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
GOWANUS_GT3_6 24127	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
GOWANUS_GT3_7 24128	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
GOWANUS_GT3_8 24129	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
GOWANUS_GT4_1 24130	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
GOWANUS_GT4_2 24131	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
GOWANUS_GT4_3 24132	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
GOWANUS_GT4_4 24133	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00

GOWANUS_GT4_5 24134	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
GOWANUS_GT4_6 24135	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
GOWANUS_GT4_7 24136	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
GOWANUS_GT4_8 24137	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
GREATVRV_69_KV_BK1 356245	56.47 5.32 0.00	52.71 4.92 0.00	49.27 4.44 0.00	46.48 3.95 0.00	46.98 4.12 0.00	47.43 4.15 0.00	50.97 4.68 0.00	56.26 5.30 0.00	55.96 5.09 0.00	54.02 4.73 0.00	52.92 4.68 0.00	51.08 4.47 0.00	50.73 4.61 0.00	50.59 4.68 0.00	58.87 5.45 -0.02	68.29 5.87 -4.34	109.06 6.97 -32.37	120.30 7.88 -32.87	119.52 7.27 -39.55	116.15 7.24 -37.89	106.61 6.53 -33.48	91.64 6.27 -21.98	74.67 6.60 0.00	67.48 5.63 0.00
GREENBSH_115KV_TB3 55895	53.24 2.10 0.00	49.70 1.91 0.00	46.62 1.79 0.00	44.27 1.74 0.00	44.58 1.71 0.00	45.05 1.77 0.00	48.10 1.81 0.00	52.38 1.43 0.00	52.25 1.37 0.00	50.67 1.38 0.00	49.54 1.30 0.00	47.86 1.26 0.00	47.46 1.34 0.00	47.28 1.38 0.00	55.01 1.60 0.00	59.65 1.57 0.00	71.39 1.67 0.00	81.06 1.51 0.00	74.16 1.45 0.00	72.58 1.56 0.00	68.14 1.53 0.00	64.90 1.52 0.00	69.63 1.57 0.00	63.09 1.24 0.00
GREENDGE_115KV_TB5 80291	49.25 -1.89 0.00	46.31 -1.48 0.00	43.35 -1.48 0.00	41.12 -1.40 0.00	41.50 -1.37 0.00	41.80 -1.47 0.00	44.68 -1.62 0.00	49.43 -1.53 0.00	50.41 -1.48 -1.01	47.81 -1.48 0.00	46.84 -1.40 0.00	45.35 -1.26 0.00	46.29 -1.52 -1.69	46.12 -1.56 -1.78	56.57 -2.35 -5.51	66.76 -3.14 -11.81	67.66 -3.07 -1.01	76.69 -2.86 0.00	70.31 -2.40 0.00	68.82 -2.20 0.00	64.55 -2.06 0.00	61.29 -2.09 0.00	66.16 -1.91 0.00	60.68 -1.18 0.00
GREENIDGE___3 23582	49.25 -1.89 0.00	46.31 -1.48 0.00	43.35 -1.48 0.00	41.12 -1.40 0.00	41.50 -1.37 0.00	41.80 -1.47 0.00	44.68 -1.62 0.00	49.43 -1.53 0.00	50.41 -1.48 -1.01	47.81 -1.48 0.00	46.84 -1.40 0.00	45.35 -1.26 0.00	46.29 -1.52 -1.69	46.12 -1.56 -1.78	56.57 -2.35 -5.51	66.76 -3.14 -11.81	67.66 -3.07 -1.01	76.69 -2.86 0.00	70.31 -2.40 0.00	68.82 -2.20 0.00	64.55 -2.06 0.00	61.29 -2.09 0.00	66.16 -1.91 0.00	60.68 -1.18 0.00
GREENIDGE___4 23583	49.25 -1.89 0.00	46.31 -1.48 0.00	43.35 -1.48 0.00	41.12 -1.40 0.00	41.54 -1.33 0.00	41.80 -1.47 0.00	44.67 -1.62 0.00	49.43 -1.53 0.00	50.41 -1.48 -1.01	47.81 -1.48 0.00	46.79 -1.45 0.00	45.25 -1.35 0.00	46.29 -1.52 -1.69	46.12 -1.56 -1.78	56.57 -2.35 -5.51	66.76 -3.14 -11.81	67.66 -3.07 -1.01	76.69 -2.86 0.00	70.31 -2.40 0.00	68.82 -2.20 0.00	64.54 -2.07 0.00	61.29 -2.09 0.00	66.16 -1.91 0.00	61.23 -0.62 0.00
GREENLWN_69_KV_BK 3 55738	55.39 4.25 0.00	51.71 3.92 0.00	48.37 3.54 0.00	45.71 3.19 0.00	46.21 3.34 0.00	46.65 3.38 0.00	50.14 3.84 0.00	55.29 4.33 0.00	55.05 4.17 0.00	53.18 3.89 0.00	52.05 3.81 0.00	50.29 3.68 0.00	49.90 3.78 0.00	49.76 3.86 0.00	57.86 4.43 -0.02	67.07 4.65 -4.34	107.39 5.30 -32.37	117.99 5.57 -32.87	117.42 5.16 -39.55	114.16 5.26 -37.89	104.88 4.80 -33.48	90.05 4.69 -21.98	73.10 5.04 0.00	66.00 4.14 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00
GRISSOM___SOLAR 323813	53.39 2.25 0.00	49.89 2.10 0.00	46.85 2.02 0.00	44.39 1.87 0.00	44.67 1.80 0.00	45.22 1.95 0.00	48.19 1.90 0.00	53.10 2.14 0.00	52.66 1.78 0.00	50.52 1.23 0.00	49.20 0.96 0.00	47.49 0.88 0.00	47.13 1.01 0.00	47.15 1.24 0.00	55.23 1.82 0.00	60.76 2.67 0.00	73.34 3.62 0.00	83.61 4.05 0.00	76.56 3.85 0.00	74.85 3.83 0.00	70.01 3.40 0.00	66.55 3.17 0.00	71.33 3.27 0.00	64.70 2.85 0.00
GROVEVILLE___HYD 323602	54.16 3.02 0.00	50.56 2.77 0.00	47.38 2.56 0.00	44.99 2.47 0.00	45.27 2.40 0.00	45.78 2.51 0.00	48.89 2.59 0.00	53.81 2.85 0.00	53.73 2.85 0.00	52.00 2.71 0.00	50.75 2.51 0.00	48.98 2.38 0.00	48.70 2.58 0.00	48.52 2.62 0.00	56.51 3.10 0.00	61.39 3.31 0.00	73.62 3.90 0.00	84.01 4.45 0.00	76.78 4.07 0.00	74.99 3.98 0.00	70.21 3.60 0.00	66.80 3.42 0.00	71.33 3.27 0.00	64.39 2.54 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	50.07 -1.07 0.00	46.93 -0.86 0.00	43.98 -0.85 0.00	41.72 -0.81 0.00	42.10 -0.77 0.00	42.45 -0.82 0.00	45.42 -0.88 0.00	50.09 -0.87 0.00	50.11 -0.76 0.00	48.55 -0.74 0.00	47.56 -0.68 0.00	46.00 -0.61 0.00	45.43 -0.69 0.00	45.26 -0.64 0.00	52.45 -0.96 0.00	57.04 -1.05 0.00	68.67 -1.05 0.00	78.52 -1.03 0.00	71.84 -0.87 0.00	70.24 -0.78 0.00	65.88 -0.73 0.00	62.62 -0.76 0.00	67.25 -0.82 0.00	61.17 -0.68 0.00
HAMLTNNY_34_KV_TB 80303	49.97 -1.18 0.00	46.88 -0.91 0.00	43.93 -0.90 0.00	41.67 -0.85 0.00	42.05 -0.81 0.00	42.41 -0.87 0.00	45.32 -0.97 0.00	50.09 -0.87 0.00	50.11 -0.76 0.00	48.55 -0.74 0.00	47.56 -0.68 0.00	46.00 -0.61 0.00	45.38 -0.74 0.00	45.22 -0.69 0.00	52.45 -0.96 0.00	57.04 -1.05 0.00	68.67 -1.05 0.00	78.60 -0.95 0.00	71.91 -0.80 0.00	70.31 -0.71 0.00	65.94 -0.67 0.00	62.62 -0.76 0.00	67.38 -0.68 0.00	61.30 -0.56 0.00

HAMPSHIRE___PAPER_HYD 323593	51.35 0.21 0.00	47.98 0.19 0.00	45.10 0.27 0.00	42.65 0.13 0.00	42.91 0.04 0.00	43.18 -0.09 0.00	46.25 -0.05 0.00	50.96 0.00 0.00	50.88 0.00 0.00	49.43 0.15 0.00	48.43 0.19 0.00	46.84 0.23 0.00	46.35 0.23 0.00	46.18 0.28 0.00	53.73 0.32 0.00	58.49 0.41 0.00	70.28 0.56 0.00	80.27 0.71 0.00	73.29 0.58 0.00	71.45 0.43 0.00	67.34 0.73 0.00	64.08 0.70 0.00	69.02 0.95 0.00	63.15 1.30 0.00
HARDSCRABBLE_WT_PWR 323673	53.19 2.05 0.00	49.75 1.96 0.00	46.71 1.88 0.00	44.27 1.74 0.00	44.58 1.72 0.00	44.92 1.64 0.00	47.96 1.66 0.00	52.74 1.78 0.00	52.61 1.73 0.00	50.96 1.68 0.00	49.83 1.59 0.00	48.14 1.54 0.00	47.60 1.48 0.00	47.33 1.42 0.00	55.07 1.66 0.00	59.88 1.80 0.00	72.02 2.30 0.00	82.10 2.55 0.00	75.03 2.33 0.00	73.29 2.27 0.00	68.80 2.19 0.00	65.66 2.28 0.00	70.58 2.52 0.00	64.26 2.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	53.60 2.46 0.00	50.03 2.25 0.00	46.94 2.11 0.00	44.56 2.04 0.00	44.88 2.01 0.00	45.35 2.08 0.00	48.47 2.18 0.00	53.40 2.45 0.00	53.27 2.39 0.00	51.55 2.27 0.00	50.41 2.17 0.00	48.66 2.05 0.00	48.33 2.21 0.00	48.16 2.25 0.00	56.03 2.62 0.00	60.81 2.73 0.00	72.86 3.14 0.00	83.13 3.58 0.00	75.98 3.27 0.00	74.28 3.27 0.00	69.54 2.93 0.00	66.17 2.79 0.00	70.65 2.59 0.00	63.83 1.98 0.00
HARSNRAD_115KV_TB1 81005	45.72 -5.42 0.00	43.01 -4.78 0.00	40.35 -4.48 0.00	38.27 -4.25 0.00	38.62 -4.24 0.00	38.42 -4.85 0.00	40.65 -5.65 0.00	45.10 -5.86 0.00	44.39 -5.95 0.54	43.37 -5.91 0.00	42.40 -5.84 0.00	41.53 -5.08 0.00	39.97 -5.26 0.90	39.64 -5.33 0.94	43.81 -6.68 2.92	44.48 -7.32 6.29	60.54 -8.65 0.54	70.40 -9.15 0.00	64.78 -7.93 0.00	63.49 -7.53 0.00	59.82 -6.79 0.00	57.04 -6.34 0.00	62.75 -5.31 0.00	59.19 -2.66 0.00
HARZA MOOSE___RIVER 24016	51.50 0.36 0.00	48.22 0.43 0.00	45.32 0.49 0.00	42.86 0.34 0.00	43.12 0.26 0.00	43.53 0.26 0.00	46.57 0.28 0.00	51.42 0.46 0.00	51.33 0.46 0.00	49.83 0.54 0.00	48.82 0.58 0.00	47.12 0.51 0.00	46.67 0.55 0.00	46.46 0.55 0.00	54.00 0.59 0.00	58.84 0.76 0.00	70.91 1.19 0.00	80.99 1.43 0.00	73.94 1.24 0.00	72.15 1.14 0.00	67.81 1.20 0.00	64.52 1.14 0.00	69.22 1.16 0.00	63.46 1.61 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	49.71 -1.43 0.00	46.59 -1.19 0.00	43.66 -1.17 0.00	41.42 -1.11 0.00	41.80 -1.07 0.00	42.10 -1.17 0.00	45.05 -1.25 0.00	49.73 -1.22 0.00	49.71 -1.17 0.00	48.15 -1.13 0.00	47.18 -1.06 0.00	45.63 -0.98 0.00	45.06 -1.06 0.00	44.90 -1.01 0.00	52.02 -1.39 0.00	56.57 -1.51 0.00	68.05 -1.67 0.00	77.80 -1.75 0.00	71.18 -1.53 0.00	69.60 -1.42 0.00	65.28 -1.33 0.00	61.99 -1.39 0.00	66.70 -1.36 0.00	60.68 -1.18 0.00
HELLGATE_13_KV_LD 55870	54.68 3.53 0.00	51.04 3.25 0.00	47.83 3.00 0.00	45.37 2.85 0.00	45.74 2.87 0.00	46.21 2.94 0.00	49.49 3.19 0.00	54.63 3.67 0.00	54.49 3.61 0.00	52.78 3.50 0.00	51.57 3.33 0.00	49.82 3.22 0.00	49.49 3.37 0.00	49.35 3.44 0.00	57.36 3.95 0.00	62.26 4.18 0.00	74.32 4.60 0.00	84.64 5.09 0.00	77.43 4.73 0.00	75.78 4.76 0.00	70.94 4.33 0.00	67.56 4.18 0.00	72.08 4.02 0.00	65.13 3.28 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	54.68 3.53 0.00	51.04 3.25 0.00	47.83 3.00 0.00	45.37 2.85 0.00	45.74 2.87 0.00	46.21 2.94 0.00	49.49 3.19 0.00	54.63 3.67 0.00	54.49 3.61 0.00	52.78 3.50 0.00	51.57 3.33 0.00	49.82 3.22 0.00	49.49 3.37 0.00	49.35 3.44 0.00	57.36 3.95 0.00	62.26 4.18 0.00	74.32 4.60 0.00	84.64 5.09 0.00	77.43 4.73 0.00	75.78 4.76 0.00	70.94 4.33 0.00	67.56 4.18 0.00	72.08 4.02 0.00	65.13 3.28 0.00
HEMPSTEAD___ 23647	54.89 3.73 -0.01	51.24 3.44 -0.01	47.97 3.14 0.00	45.37 2.85 0.00	45.87 3.00 0.00	46.25 2.98 0.00	49.68 3.38 -0.01	54.79 3.82 -0.01	54.59 3.71 0.00	52.78 3.50 0.00	51.67 3.43 -0.01	49.97 3.36 -0.01	49.54 3.41 -0.01	49.36 3.44 -0.01	57.43 4.01 -0.02	66.49 4.06 -4.34	106.69 4.60 -32.37	117.36 4.93 -32.87	116.84 4.58 -39.55	113.52 4.61 -37.89	104.35 4.27 -33.48	89.48 4.12 -21.98	72.36 4.29 -0.01	65.38 3.52 -0.01
HICKLING___1 23621	48.79 -2.35 0.00	45.93 -1.86 0.00	43.04 -1.79 0.00	40.86 -1.66 0.00	41.20 -1.67 0.00	41.37 -1.90 0.00	44.17 -2.13 0.00	48.87 -2.09 0.00	49.22 -2.04 -0.38	47.26 -2.02 0.00	46.31 -1.93 0.00	44.88 -1.72 0.00	44.82 -1.94 -0.63	44.51 -2.07 -0.67	52.64 -2.83 -2.07	59.32 -3.19 -4.43	67.17 -2.93 -0.38	76.77 -2.78 0.00	70.38 -2.33 0.00	68.96 -2.06 0.00	64.81 -1.80 0.00	61.67 -1.71 0.00	66.70 -1.36 0.00	61.36 -0.49 0.00
HICKLING___2 23622	48.79 -2.35 0.00	45.93 -1.86 0.00	43.04 -1.79 0.00	40.86 -1.66 0.00	41.20 -1.67 0.00	41.37 -1.90 0.00	44.17 -2.13 0.00	48.87 -2.09 0.00	49.22 -2.04 -0.38	47.26 -2.02 0.00	46.31 -1.93 0.00	44.88 -1.72 0.00	44.82 -1.94 -0.63	44.51 -2.07 -0.67	52.64 -2.83 -2.07	59.32 -3.19 -4.43	67.17 -2.93 -0.38	76.77 -2.78 0.00	70.38 -2.33 0.00	68.96 -2.06 0.00	64.81 -1.80 0.00	61.67 -1.71 0.00	66.70 -1.36 0.00	61.36 -0.49 0.00
HIGH FALLS___HY 23754	54.16 3.02 0.00	50.56 2.77 0.00	47.38 2.56 0.00	45.03 2.51 0.00	45.27 2.40 0.00	45.78 2.51 0.00	48.89 2.59 0.00	53.91 2.96 0.00	53.83 2.95 0.00	52.05 2.76 0.00	50.70 2.46 0.00	48.94 2.33 0.00	48.66 2.54 0.00	48.52 2.62 0.00	56.56 3.15 0.00	61.45 3.37 0.00	73.90 4.18 0.00	84.49 4.93 0.00	77.22 4.51 0.00	75.35 4.33 0.00	70.47 3.86 0.00	66.99 3.61 0.00	71.47 3.40 0.00	64.45 2.60 0.00
HIGH_RIVER___SOLAR 323847	53.04 1.89 0.00	49.56 1.77 0.00	46.53 1.70 0.00	44.10 1.57 0.00	44.41 1.54 0.00	44.92 1.64 0.00	47.91 1.62 0.00	52.74 1.78 0.00	52.25 1.37 0.00	50.07 0.79 0.00	48.86 0.63 0.00	47.17 0.56 0.00	46.77 0.65 0.00	46.82 0.92 0.00	54.85 1.44 0.00	60.17 2.09 0.00	72.78 3.06 0.00	82.97 3.42 0.00	75.98 3.27 0.00	74.22 3.20 0.00	69.47 2.86 0.00	66.04 2.66 0.00	70.79 2.73 0.00	64.20 2.35 0.00
HILLBURN___GT 23639	53.50 2.35 0.00	49.99 2.20 0.00	46.89 2.06 0.00	44.56 2.04 0.00	44.88 2.02 0.00	45.35 2.08 0.00	48.52 2.22 0.00	53.45 2.50 0.00	53.32 2.44 0.00	51.60 2.32 0.00	50.51 2.27 0.00	48.84 2.24 0.00	48.38 2.26 0.00	48.20 2.29 0.00	56.03 2.62 0.00	60.81 2.73 0.00	72.72 3.00 0.00	82.82 3.26 0.00	75.76 3.05 0.00	74.14 3.12 0.00	69.34 2.73 0.00	66.04 2.66 0.00	70.51 2.45 0.00	63.71 1.85 0.00
HILLSIDE_115KV_TB1 80332	48.44 -2.71 0.00	45.54 -2.25 0.00	42.68 -2.15 0.00	40.57 -1.96 0.00	40.90 -1.97 0.00	41.06 -2.21 0.00	43.89 -2.41 0.00	48.51 -2.45 0.00	48.78 -2.39 -0.29	46.87 -2.41 0.00	45.97 -2.27 0.00	44.55 -2.05 0.00	44.35 -2.26 -0.49	44.04 -2.39 -0.52	51.81 -3.20 -1.60	57.91 -3.60 -3.43	66.53 -3.49 -0.29	75.97 -3.58 0.00	69.65 -3.05 0.00	68.25 -2.77 0.00	64.15 -2.46 0.00	61.03 -2.35 0.00	65.89 -2.18 0.00	60.62 -1.24 0.00

HISHELDN_WT_PWR 323625	45.83 -5.32 0.00	43.06 -4.73 0.00	40.35 -4.48 0.00	38.23 -4.29 0.00	38.71 -4.16 0.00	38.51 -4.76 0.00	40.93 -5.37 0.00	45.40 -5.55 0.00	43.30 -5.70 1.88	43.81 -5.47 0.00	42.84 -5.40 0.00	41.57 -5.03 0.00	37.85 -5.12 3.15	37.41 -5.19 3.31	36.57 -6.57 10.26	28.86 -7.20 22.02	59.96 -7.88 1.88	71.28 -8.28 0.00	65.51 -7.20 0.00	64.34 -6.68 0.00	60.62 -5.99 0.00	57.80 -5.58 0.00	63.43 -4.63 0.00	59.63 -2.22 0.00
HOLTSVILLE_IC_1 23690	55.91 4.76 -0.01	52.19 4.39 -0.01	48.77 3.95 0.00	46.05 3.53 0.00	46.60 3.73 0.00	46.99 3.72 0.00	50.52 4.21 -0.01	55.75 4.79 -0.01	55.46 4.58 0.00	53.52 4.24 0.00	52.40 4.15 -0.01	50.67 4.05 -0.01	50.23 4.10 -0.01	50.05 4.13 -0.01	58.29 4.86 -0.02	67.59 5.17 -4.34	108.15 6.06 -32.37	119.18 6.76 -32.87	118.51 6.25 -39.55	115.15 6.25 -37.89	105.68 5.60 -33.48	90.87 5.51 -21.98	73.85 5.78 -0.01	66.81 4.95 -0.01
HOLTSVILLE_IC_10 23699	56.22 5.06 -0.01	52.48 4.69 -0.01	49.00 4.17 0.00	46.27 3.74 0.00	46.81 3.94 0.00	47.21 3.94 0.00	50.75 4.44 -0.01	56.01 5.05 -0.01	55.71 4.84 0.00	53.77 4.48 0.00	52.64 4.39 -0.01	50.90 4.28 -0.01	50.46 4.33 -0.01	50.32 4.41 -0.01	58.61 5.18 -0.02	67.94 5.52 -4.34	108.64 6.55 -32.37	119.82 7.40 -32.87	119.09 6.83 -39.55	115.65 6.75 -37.89	106.21 6.12 -33.48	91.32 5.96 -21.98	74.33 6.26 -0.01	67.24 5.38 -0.01
HOLTSVILLE_IC_2 23691	55.91 4.76 -0.01	52.19 4.39 -0.01	48.77 3.95 0.00	46.05 3.53 0.00	46.60 3.73 0.00	46.99 3.72 0.00	50.52 4.21 -0.01	55.75 4.79 -0.01	55.46 4.58 0.00	53.52 4.24 0.00	52.40 4.15 -0.01	50.67 4.05 -0.01	50.23 4.10 -0.01	50.05 4.13 -0.01	58.29 4.86 -0.02	67.59 5.17 -4.34	108.15 6.06 -32.37	119.18 6.76 -32.87	118.51 6.25 -39.55	115.15 6.25 -37.89	105.68 5.60 -33.48	90.87 5.51 -21.98	73.85 5.78 -0.01	66.81 4.95 -0.01
HOLTSVILLE_IC_3 23692	55.91 4.76 -0.01	52.19 4.39 -0.01	48.77 3.95 0.00	46.05 3.53 0.00	46.60 3.73 0.00	46.99 3.72 0.00	50.52 4.21 -0.01	55.75 4.79 -0.01	55.46 4.58 0.00	53.52 4.24 0.00	52.40 4.15 -0.01	50.67 4.05 -0.01	50.23 4.10 -0.01	50.05 4.13 -0.01	58.29 4.86 -0.02	67.59 5.17 -4.34	108.15 6.06 -32.37	119.18 6.76 -32.87	118.51 6.25 -39.55	115.15 6.25 -37.89	105.68 5.60 -33.48	90.87 5.51 -21.98	73.85 5.78 -0.01	66.81 4.95 -0.01
HOLTSVILLE_IC_4 23693	55.91 4.76 -0.01	52.19 4.39 -0.01	48.77 3.95 0.00	46.05 3.53 0.00	46.60 3.73 0.00	46.99 3.72 0.00	50.52 4.21 -0.01	55.75 4.79 -0.01	55.46 4.58 0.00	53.52 4.24 0.00	52.40 4.15 -0.01	50.67 4.05 -0.01	50.23 4.10 -0.01	50.05 4.13 -0.01	58.29 4.86 -0.02	67.59 5.17 -4.34	108.15 6.06 -32.37	119.18 6.76 -32.87	118.51 6.25 -39.55	115.15 6.25 -37.89	105.68 5.60 -33.48	90.87 5.51 -21.98	73.85 5.78 -0.01	66.81 4.95 -0.01
HOLTSVILLE_IC_5 23694	55.91 4.76 -0.01	52.19 4.39 -0.01	48.77 3.95 0.00	46.05 3.53 0.00	46.60 3.73 0.00	46.99 3.72 0.00	50.52 4.21 -0.01	55.75 4.79 -0.01	55.46 4.58 0.00	53.52 4.24 0.00	52.40 4.15 -0.01	50.67 4.05 -0.01	50.23 4.10 -0.01	50.05 4.13 -0.01	58.29 4.86 -0.02	67.59 5.17 -4.34	108.15 6.06 -32.37	119.18 6.76 -32.87	118.51 6.25 -39.55	115.15 6.25 -37.89	105.68 5.60 -33.48	90.87 5.51 -21.98	73.85 5.78 -0.01	66.81 4.95 -0.01
HOLTSVILLE_IC_6 23695	56.22 5.06 -0.01	52.48 4.69 -0.01	49.00 4.17 0.00	46.27 3.74 0.00	46.81 3.94 0.00	47.21 3.94 0.00	50.75 4.44 -0.01	56.01 5.05 -0.01	55.71 4.84 0.00	53.77 4.48 0.00	52.64 4.39 -0.01	50.90 4.28 -0.01	50.46 4.33 -0.01	50.32 4.41 -0.01	58.61 5.18 -0.02	67.94 5.52 -4.34	108.64 6.55 -32.37	119.82 7.40 -32.87	119.09 6.83 -39.55	115.65 6.75 -37.89	106.21 6.12 -33.48	91.32 5.96 -21.98	74.33 6.26 -0.01	67.24 5.38 -0.01
HOLTSVILLE_IC_7 23696	56.22 5.06 -0.01	52.48 4.69 -0.01	49.00 4.17 0.00	46.27 3.74 0.00	46.81 3.94 0.00	47.21 3.94 0.00	50.75 4.44 -0.01	56.01 5.05 -0.01	55.71 4.84 0.00	53.77 4.48 0.00	52.64 4.39 -0.01	50.90 4.28 -0.01	50.46 4.33 -0.01	50.32 4.41 -0.01	58.61 5.18 -0.02	67.94 5.52 -4.34	108.64 6.55 -32.37	119.82 7.40 -32.87	119.09 6.83 -39.55	115.65 6.75 -37.89	106.21 6.12 -33.48	91.32 5.96 -21.98	74.33 6.26 -0.01	67.24 5.38 -0.01
HOLTSVILLE_IC_8 23697	56.22 5.06 -0.01	52.48 4.69 -0.01	49.00 4.17 0.00	46.27 3.74 0.00	46.81 3.94 0.00	47.21 3.94 0.00	50.75 4.44 -0.01	56.01 5.05 -0.01	55.71 4.84 0.00	53.77 4.48 0.00	52.64 4.39 -0.01	50.90 4.28 -0.01	50.46 4.33 -0.01	50.32 4.41 -0.01	58.61 5.18 -0.02	67.94 5.52 -4.34	108.64 6.55 -32.37	119.82 7.40 -32.87	119.09 6.83 -39.55	115.65 6.75 -37.89	106.21 6.12 -33.48	91.32 5.96 -21.98	74.33 6.26 -0.01	67.24 5.38 -0.01
HOLTSVILLE_IC_9 23698	56.22 5.06 -0.01	52.48 4.69 -0.01	49.00 4.17 0.00	46.27 3.74 0.00	46.81 3.94 0.00	47.21 3.94 0.00	50.75 4.44 -0.01	56.01 5.05 -0.01	55.71 4.84 0.00	53.77 4.48 0.00	52.64 4.39 -0.01	50.90 4.28 -0.01	50.46 4.33 -0.01	50.32 4.41 -0.01	58.61 5.18 -0.02	67.94 5.52 -4.34	108.64 6.55 -32.37	119.82 7.40 -32.87	119.09 6.83 -39.55	115.65 6.75 -37.89	106.21 6.12 -33.48	91.32 5.96 -21.98	74.33 6.26 -0.01	67.24 5.38 -0.01
HOMER_HL_115KV_TB2 355744	46.90 -4.25 0.00	44.11 -3.68 0.00	41.29 -3.54 0.00	39.25 -3.27 0.00	39.61 -3.26 0.00	39.38 -3.89 0.00	41.99 -4.31 0.00	46.47 -4.48 0.00	46.26 -4.48 0.14	44.95 -4.34 0.00	44.19 -4.05 0.00	42.97 -3.64 0.00	41.83 -4.06 0.23	41.39 -4.27 0.24	46.45 -6.20 0.76	49.24 -7.20 1.64	63.44 -6.14 0.14	73.35 -6.21 0.00	66.12 -5.31 0.00	62.08 -4.90 0.00	59.13 -4.53 0.00	64.59 -4.25 0.00	60.31 -3.47 0.00	-1.55 0.00
HOWARD_WT_PWR 323690	47.62 -3.53 0.00	44.83 -2.96 0.00	41.96 -2.87 0.00	39.76 -2.76 0.00	40.17 -2.70 0.00	40.20 -3.07 0.00	42.87 -3.43 0.00	47.54 -3.41 0.00	49.55 -3.46 -2.13	45.89 -3.40 0.00	44.91 -3.33 0.00	43.43 -3.17 0.00	46.33 -3.36 -3.57	46.27 -3.40 -3.76	60.67 -4.38 -11.64	78.22 -4.82 -24.96	67.18 -4.67 -2.13	75.02 -4.53 0.00	68.92 -3.78 0.00	67.61 -3.41 0.00	63.61 -3.00 0.00	60.40 -2.98 0.00	65.68 -2.38 0.00	61.11 -0.74 0.00
HQ_GEN_CEDARS 23644	51.96 0.82 0.00	48.46 0.67 0.00	45.46 0.63 0.00	43.12 0.60 0.00	43.42 0.56 0.00	43.83 0.56 0.00	47.04 0.74 0.00	51.67 0.71 0.00	51.54 0.66 0.00	50.02 0.74 0.00	48.91 0.68 0.00	47.21 0.61 0.00	46.67 0.55 0.00	46.46 0.55 0.00	54.26 0.85 0.00	58.95 0.87 0.00	70.84 1.12 0.00	80.99 1.43 0.00	73.94 1.24 0.00	72.15 1.14 0.00	67.88 1.27 0.00	64.52 1.14 0.00	69.36 1.29 0.00	63.15 1.30 0.00
HQ_GEN_CEDARS_PROXY 323590	51.96 0.82 0.00	48.46 0.67 0.00	45.46 0.63 0.00	43.12 0.60 0.00	43.42 0.56 0.00	43.83 0.56 0.00	47.03 0.74 0.00	51.67 0.71 0.00	51.54 0.66 0.00	50.03 0.74 0.00	48.91 0.68 0.00	47.26 0.65 0.00	46.68 0.56 0.00	46.46 0.55 0.00	54.26 0.85 0.00	58.95 0.87 0.00	70.90 1.18 0.00	80.99 1.43 0.00	73.94 1.23 0.00	72.15 1.13 0.00	67.87 1.26 0.00	64.52 1.14 0.00	69.35 1.29 0.00	63.15 1.30 0.00

HQ_GEN_IMPORT 323601	51.30 0.15 0.00	47.88 0.10 0.00	44.92 0.09 0.00	42.61 0.09 0.00	42.95 0.09 0.00	43.36 0.09 0.00	46.43 0.14 0.00	51.06 0.10 0.00	50.98 0.10 0.00	49.43 0.15 0.00	48.34 0.10 0.00	46.70 0.09 0.00	46.17 0.05 0.00	45.91 0.00 0.00	53.57 0.16 0.00	58.32 0.23 0.00	70.00 0.28 0.00	79.95 0.40 0.00	73.00 0.29 0.00	71.23 0.21 0.00	66.81 0.20 0.00	63.57 0.19 0.00	68.27 0.20 0.00	62.10 0.25 0.00
HQ_GEN_WHEEL 23651	51.30 0.15 0.00	47.88 0.10 0.00	44.92 0.09 0.00	42.61 0.09 0.00	42.95 0.09 0.00	43.36 0.09 0.00	46.43 0.14 0.00	51.06 0.10 0.00	50.98 0.10 0.00	49.43 0.15 0.00	48.34 0.10 0.00	46.70 0.09 0.00	46.17 0.05 0.00	45.91 0.00 0.00	53.57 0.16 0.00	58.32 0.23 0.00	70.00 0.28 0.00	79.95 0.40 0.00	73.00 0.29 0.00	71.23 0.21 0.00	66.81 0.20 0.00	63.57 0.19 0.00	68.27 0.20 0.00	62.10 0.25 0.00
HUDSON AVE_GT_3 23810	54.21 3.07 0.00	50.61 2.82 0.00	47.43 2.60 0.00	44.99 2.47 0.00	45.31 2.44 0.00	45.78 2.51 0.00	49.07 2.78 0.00	54.17 3.21 0.00	54.03 3.15 0.00	52.34 3.06 0.00	51.13 2.89 0.00	49.40 2.80 0.00	49.07 2.95 0.00	48.94 3.03 0.00	56.88 3.47 0.00	61.74 3.66 0.00	73.62 3.90 0.00	83.85 4.30 0.00	76.71 4.00 0.00	75.07 4.05 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.40 3.34 0.00	64.51 2.66 0.00
HUDSON AVE_GT_4 23540	54.21 3.07 0.00	50.61 2.82 0.00	47.43 2.60 0.00	44.99 2.47 0.00	45.31 2.44 0.00	45.78 2.51 0.00	49.07 2.78 0.00	54.17 3.21 0.00	54.03 3.15 0.00	52.34 3.06 0.00	51.13 2.89 0.00	49.40 2.80 0.00	49.07 2.95 0.00	48.94 3.03 0.00	56.88 3.47 0.00	61.74 3.66 0.00	73.62 3.90 0.00	83.85 4.30 0.00	76.71 4.00 0.00	75.07 4.05 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.40 3.34 0.00	64.51 2.66 0.00
HUDSON AVE_GT_5 23657	54.21 3.07 0.00	50.61 2.82 0.00	47.43 2.60 0.00	44.99 2.47 0.00	45.31 2.44 0.00	45.78 2.51 0.00	49.07 2.78 0.00	54.17 3.21 0.00	54.03 3.15 0.00	52.34 3.06 0.00	51.13 2.89 0.00	49.40 2.80 0.00	49.07 2.95 0.00	48.94 3.03 0.00	56.88 3.47 0.00	61.74 3.66 0.00	73.62 3.90 0.00	83.85 4.30 0.00	76.71 4.00 0.00	75.07 4.05 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.40 3.34 0.00	64.51 2.66 0.00
HUDSON_AVE_10 24168	54.06 2.92 0.00	50.42 2.63 0.00	47.25 2.42 0.00	44.82 2.30 0.00	45.18 2.31 0.00	45.65 2.38 0.00	48.98 2.69 0.00	54.07 3.11 0.00	53.98 3.10 0.00	52.29 3.01 0.00	51.04 2.80 0.00	49.26 2.66 0.00	48.93 2.81 0.00	48.80 2.89 0.00	56.77 3.36 0.00	61.62 3.54 0.00	73.48 3.76 0.00	83.61 4.06 0.00	76.49 3.78 0.00	74.92 3.91 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.19 3.13 0.00	64.33 2.47 0.00
HUDSON___115KV_TB 4 355613	54.27 3.12 0.00	50.61 2.82 0.00	47.47 2.64 0.00	45.07 2.55 0.00	45.35 2.49 0.00	45.82 2.55 0.00	48.84 2.55 0.00	53.25 2.29 0.00	53.06 2.19 0.00	51.36 2.07 0.00	50.07 1.83 0.00	48.28 1.68 0.00	47.92 1.80 0.00	47.83 1.93 0.00	55.81 2.40 0.00	60.75 2.67 0.00	73.00 3.28 0.00	83.21 3.66 0.00	76.13 3.42 0.00	74.36 3.34 0.00	69.74 3.13 0.00	66.30 2.92 0.00	71.06 2.99 0.00	64.33 2.47 0.00
HUNTER MOUNT___DRP 323613	54.47 3.32 0.00	50.80 3.01 0.00	47.61 2.78 0.00	45.24 2.72 0.00	45.48 2.61 0.00	45.95 2.68 0.00	48.89 2.59 0.00	53.30 2.34 0.00	53.12 2.24 0.00	51.36 2.07 0.00	50.02 1.78 0.00	48.19 1.58 0.00	47.87 1.75 0.00	47.79 1.88 0.00	55.87 2.46 0.00	60.81 2.73 0.00	73.21 3.49 0.00	83.61 4.06 0.00	76.49 3.78 0.00	74.64 3.62 0.00	69.94 3.33 0.00	66.55 3.17 0.00	71.26 3.20 0.00	64.45 2.60 0.00
HUNTINGTON_RES_REC 323705	55.76 4.61 -0.01	52.05 4.25 -0.01	48.64 3.81 0.00	45.93 3.40 0.00	46.47 3.60 0.00	46.86 3.59 0.00	50.38 4.07 -0.01	55.60 4.64 -0.01	55.35 4.48 0.00	53.43 4.14 0.00	52.34 4.10 -0.01	50.57 3.96 -0.01	50.14 4.01 -0.01	50.00 4.08 -0.01	58.23 4.81 -0.02	67.47 5.05 -4.34	108.01 5.92 -32.37	118.95 6.52 -32.87	118.22 5.96 -39.55	114.94 6.03 -37.89	105.55 5.46 -33.48	90.62 5.26 -21.98	73.72 5.65 -0.01	66.62 4.76 -0.01
HUNTLEY___63 23557	45.67 -5.47 0.00	42.91 -4.87 0.00	40.30 -4.53 0.00	38.19 -4.34 0.00	38.54 -4.33 0.00	38.30 -4.98 0.00	40.60 -5.69 0.00	45.05 -5.91 0.00	44.56 -5.75 0.57	43.47 -5.82 0.00	42.55 -5.69 0.00	41.67 -4.94 0.00	40.09 -5.07 0.95	39.76 -5.14 1.00	43.73 -6.57 3.11	44.20 -7.20 6.68	61.06 -8.09 0.57	70.64 -8.91 0.00	65.00 -7.71 0.00	63.70 -7.31 0.00	60.02 -6.59 0.00	57.23 -6.15 0.00	62.96 -5.10 0.00	59.19 -2.66 0.00
HUNTLEY___64 23558	45.67 -5.47 0.00	42.91 -4.87 0.00	40.30 -4.53 0.00	38.19 -4.34 0.00	38.54 -4.33 0.00	38.30 -4.98 0.00	40.60 -5.69 0.00	45.05 -5.91 0.00	44.56 -5.75 0.57	43.47 -5.82 0.00	42.55 -5.69 0.00	41.67 -4.94 0.00	40.09 -5.07 0.95	39.76 -5.14 1.00	43.73 -6.57 3.11	44.20 -7.20 6.68	61.06 -8.09 0.57	70.64 -8.91 0.00	65.00 -7.71 0.00	63.70 -7.31 0.00	60.02 -6.59 0.00	57.23 -6.15 0.00	62.96 -5.10 0.00	59.19 -2.66 0.00
HUNTLEY___65 23559	45.67 -5.47 0.00	42.91 -4.87 0.00	40.30 -4.53 0.00	38.19 -4.34 0.00	38.54 -4.33 0.00	38.30 -4.98 0.00	40.60 -5.69 0.00	45.05 -5.91 0.00	44.56 -5.75 0.57	43.47 -5.82 0.00	42.55 -5.69 0.00	41.67 -4.94 0.00	40.09 -5.07 0.95	39.76 -5.14 1.00	43.73 -6.57 3.11	44.20 -7.20 6.68	61.06 -8.09 0.57	70.64 -8.91 0.00	65.00 -7.71 0.00	63.70 -7.31 0.00	60.02 -6.59 0.00	57.23 -6.15 0.00	62.96 -5.10 0.00	59.19 -2.66 0.00
HUNTLEY___66 23560	45.67 -5.47 0.00	42.91 -4.87 0.00	40.30 -4.53 0.00	38.19 -4.34 0.00	38.54 -4.33 0.00	38.30 -4.98 0.00	40.60 -5.69 0.00	45.05 -5.91 0.00	44.56 -5.75 0.57	43.47 -5.82 0.00	42.55 -5.69 0.00	41.67 -4.94 0.00	40.09 -5.07 0.95	39.76 -5.14 1.00	43.73 -6.57 3.11	44.20 -7.20 6.68	61.06 -8.09 0.57	70.64 -8.91 0.00	65.00 -7.71 0.00	63.70 -7.31 0.00	60.02 -6.59 0.00	57.23 -6.15 0.00	62.96 -5.10 0.00	59.19 -2.66 0.00
HUNTLEY___67 23561	45.62 -5.52 0.00	42.96 -4.83 0.00	40.26 -4.57 0.00	38.14 -4.38 0.00	38.50 -4.37 0.00	38.30 -4.98 0.00	40.65 -5.65 0.00	45.10 -5.86 0.00	44.19 -6.00 0.69	43.57 -5.72 0.00	42.59 -5.64 0.00	41.71 -4.89 0.00	39.62 -5.35 1.15	39.33 -5.37 1.21	42.78 -6.89 3.74	42.51 -7.55 8.02	60.67 -8.37 0.69	70.72 -8.83 0.00	65.07 -7.63 0.00	63.77 -7.24 0.00	60.08 -6.53 0.00	57.30 -6.08 0.00	62.96 -5.10 0.00	59.01 -2.85 0.00
HUNTLEY___68 23562	45.62 -5.52 0.00	42.96 -4.83 0.00	40.26 -4.57 0.00	38.14 -4.38 0.00	38.50 -4.37 0.00	38.30 -4.98 0.00	40.65 -5.65 0.00	45.10 -5.86 0.00	44.19 -6.00 0.69	43.57 -5.72 0.00	42.59 -5.64 0.00	41.71 -4.89 0.00	39.62 -5.35 1.15	39.33 -5.37 1.21	42.78 -6.89 3.74	42.51 -7.55 8.02	60.67 -8.37 0.69	70.72 -8.83 0.00	65.07 -7.63 0.00	63.77 -7.24 0.00	60.08 -6.53 0.00	57.30 -6.08 0.00	62.96 -5.10 0.00	59.01 -2.85 0.00

HYLAND___LFG	50.12	46.98	44.02	41.67	42.27	42.54	45.37	50.45	52.79	48.74	47.42	45.62	48.86	48.94	64.93	84.78	72.10	80.75	74.38	72.58	68.34	64.65	70.04	64.51
323620	-1.02	-0.81	-0.81	-0.85	-0.60	-0.74	-0.93	-0.51	-0.46	-0.54	-0.82	-0.98	-1.24	-1.15	-1.44	-1.11	0.00	1.20	1.67	1.56	1.73	1.27	1.98	2.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.38	0.00	0.00	0.00	-3.98	-4.18	-12.96	-27.80	-2.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDECK___CORINTH	53.04	49.51	46.62	44.18	44.50	45.00	47.91	52.64	52.61	50.91	49.74	48.10	47.55	47.38	55.17	60.11	72.23	82.41	75.47	73.72	68.94	65.66	70.44	63.83
23802	1.89	1.72	1.80	1.66	1.63	1.73	1.62	1.68	1.73	1.62	1.50	1.49	1.43	1.47	1.76	2.03	2.51	2.86	2.76	2.70	2.33	2.28	2.38	1.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDECK___ILION	52.42	48.98	45.99	43.59	43.94	44.31	47.36	52.13	52.00	50.37	49.30	47.63	47.13	46.87	54.53	59.30	71.25	81.30	74.31	72.58	68.08	64.90	69.70	63.40
23567	1.28	1.19	1.17	1.06	1.07	1.04	1.06	1.17	1.12	1.08	1.06	1.03	1.01	0.96	1.12	1.22	1.53	1.75	1.60	1.56	1.47	1.52	1.63	1.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDECK___OLEAN	46.90	44.11	41.29	39.21	39.70	39.38	41.99	46.47	46.21	44.95	44.14	42.78	41.83	41.39	46.45	49.24	63.37	73.35	67.40	66.12	62.08	59.13	64.59	60.55
23982	-4.24	-3.68	-3.54	-3.32	-3.17	-3.89	-4.30	-4.48	-4.53	-4.34	-4.10	-3.82	-4.06	-4.27	-6.19	-7.20	-6.21	-6.21	-5.30	-4.90	-4.53	-4.25	-3.47	-1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.23	0.24	0.76	1.64	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDECK___OSWEGO	49.25	46.11	43.26	41.03	41.37	41.72	44.63	49.22	49.25	47.66	46.69	45.16	44.64	44.48	51.59	56.11	67.49	77.09	70.45	68.89	64.61	61.48	66.02	60.12
23783	-1.89	-1.67	-1.57	-1.49	-1.50	-1.56	-1.66	-1.73	-1.63	-1.63	-1.55	-1.45	-1.48	-1.42	-1.82	-1.97	-2.23	-2.47	-2.25	-2.13	-2.00	-1.90	-2.04	-1.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDECK___YERKES	45.67	42.96	40.30	38.14	38.62	38.30	40.60	45.10	44.56	43.52	42.50	41.29	40.09	39.81	43.78	44.32	61.06	70.72	65.00	63.77	60.08	57.23	63.03	59.56
23781	-5.47	-4.82	-4.53	-4.38	-4.24	-4.97	-5.70	-5.86	-5.75	-5.77	-5.74	-5.31	-5.07	-5.10	-6.52	-7.09	-8.09	-8.83	-7.71	-7.24	-6.53	-6.15	-5.04	-2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.00	0.00	0.95	1.00	3.11	6.68	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT_GT_1	53.70	50.13	46.98	44.61	44.97	45.43	48.61	53.61	53.47	51.80	50.65	48.89	48.56	48.39	56.24	61.04	73.00	83.05	75.98	74.36	69.54	66.23	70.79	63.96
24139	2.56	2.34	2.15	2.08	2.10	2.16	2.31	2.65	2.59	2.51	2.41	2.28	2.44	2.48	2.83	2.96	3.28	3.50	3.27	3.34	2.93	2.85	2.72	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT_GT_2	53.70	50.13	46.98	44.61	44.97	45.43	48.61	53.61	53.47	51.80	50.65	48.89	48.56	48.39	56.24	61.04	73.00	83.05	75.98	74.36	69.54	66.23	70.79	63.96
23659	2.56	2.34	2.15	2.08	2.10	2.16	2.31	2.65	2.59	2.51	2.41	2.28	2.44	2.48	2.83	2.96	3.28	3.50	3.27	3.34	2.93	2.85	2.72	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT_GT_3	53.70	50.13	46.98	44.61	44.97	45.43	48.61	53.61	53.47	51.80	50.65	48.89	48.56	48.39	56.24	61.04	73.00	83.05	75.98	74.36	69.54	66.23	70.79	63.96
24019	2.56	2.34	2.15	2.08	2.10	2.16	2.31	2.65	2.59	2.51	2.41	2.28	2.44	2.48	2.83	2.96	3.28	3.50	3.27	3.34	2.93	2.85	2.72	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT___2	53.60	50.04	46.94	44.56	44.93	45.35	48.56	53.50	53.37	51.70	50.55	48.89	48.47	48.29	56.13	60.87	72.78	82.89	75.83	74.14	69.41	66.10	70.65	63.77
23530	2.45	2.25	2.11	2.04	2.06	2.08	2.27	2.55	2.49	2.41	2.32	2.28	2.35	2.39	2.72	2.79	3.06	3.34	3.12	3.12	2.80	2.72	2.59	1.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT___3	53.60	50.08	46.98	44.56	44.93	45.39	48.56	53.56	53.42	51.70	50.60	48.84	48.47	48.29	56.19	60.93	72.86	82.89	75.83	74.21	69.47	66.17	70.65	63.83
23531	2.46	2.29	2.15	2.04	2.06	2.12	2.27	2.60	2.54	2.41	2.36	2.24	2.35	2.39	2.78	2.85	3.14	3.34	3.13	3.20	2.86	2.79	2.59	1.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INGHAM_C_115KV_TB7	54.06	50.51	47.43	44.99	45.27	45.65	48.70	53.61	53.47	51.80	50.65	48.94	48.38	48.11	55.92	60.81	73.14	83.45	76.27	74.50	69.87	66.74	71.81	65.38
356103	2.92	2.72	2.60	2.47	2.40	2.38	2.41	2.65	2.59	2.51	2.41	2.33	2.26	2.20	2.51	2.73	3.42	3.90	3.56	3.48	3.26	3.36	3.74	3.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IP CORINTH___1	53.35	49.80	46.85	44.39	44.71	45.22	48.15	52.94	52.91	51.21	50.02	48.24	47.78	47.61	55.44	60.41	72.65	82.81	75.83	74.07	69.34	65.98	70.85	64.26
23988	2.20	2.01	2.02	1.87	1.84	1.95	1.85	1.99	2.04	1.92	1.78	1.63	1.66	1.70	2.03	2.32	2.93	3.26	3.13	3.05	2.73	2.60	2.79	2.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IP___TICONDEROGA	54.88	51.23	48.24	45.67	45.95	46.60	49.44	54.37	54.39	52.59	51.28	49.40	48.98	48.84	56.99	62.32	75.16	85.92	78.74	76.91	71.87	68.20	73.17	66.43
23804	3.73	3.44	3.41	3.15	3.09	3.33	3.15	3.41	3.51	3.30	3.04	2.80	2.86	2.94	3.58	4.24	5.44	6.36	6.03	5.89	5.26	4.82	5.10	4.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ISLIP_RES_REC	56.42	52.67	49.18	46.43	46.98	47.34	50.93	56.21	55.91	53.92	52.83	51.04	50.60	50.50	58.77	68.17	108.99	120.30	119.45	116.07	106.55	91.64	74.61	67.55
323679	5.27	4.88	4.35	3.91	4.12	4.07	4.63	5.25	5.04	4.63	4.59	4.43	4.47	4.59	5.34	5.75	6.90	7.88	7.20	7.17	6.46	6.28	6.53	5.69
	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.02	-4.34	-32.37	-32.87	-39.55	-37.89	-33.48	-21.98	-0.01	-0.01

JAMAICA__27_KV_LOAD 355505	54.11 2.97 0.00	50.37 2.58 0.00	47.16 2.33 0.00	44.73 2.21 0.00	45.05 2.19 0.00	45.74 2.47 0.00	49.26 2.96 0.00	54.63 3.67 0.00	54.61 3.71 -0.02	52.90 3.60 -0.02	51.28 3.04 0.00	49.49 2.89 0.00	49.21 3.09 0.00	49.12 3.21 0.00	57.15 3.74 0.00	62.15 4.07 0.00	73.90 4.18 0.00	84.17 4.61 0.00	77.07 4.36 0.00	75.56 4.55 0.00	70.67 4.06 0.00	67.37 3.99 0.00	71.60 3.54 0.00	64.70 2.85 0.00
JANIS__SOLAR 323808	51.86 0.72 0.00	48.79 1.01 0.00	45.81 0.99 0.00	43.37 0.85 0.00	43.68 0.81 0.00	44.05 0.78 0.00	47.13 0.83 0.00	52.23 1.27 0.00	52.21 1.17 -0.16	50.32 1.04 0.00	49.15 0.91 0.00	47.40 0.79 0.00	47.17 0.78 -0.27	46.97 0.78 -0.28	55.18 0.91 -0.86	61.16 1.22 -1.86	72.25 2.37 -0.16	82.74 3.19 0.00	75.69 2.98 0.00	74.00 2.98 0.00	69.41 2.80 0.00	65.66 2.28 0.00	70.44 2.38 0.00	64.39 2.54 0.00
JARVIS____ 23743	51.30 0.15 0.00	47.93 0.14 0.00	45.01 0.18 0.00	42.65 0.13 0.00	43.00 0.13 0.00	43.40 0.13 0.00	46.43 0.14 0.00	51.11 0.15 0.00	51.03 0.15 0.00	49.43 0.15 0.00	48.38 0.15 0.00	46.75 0.14 0.00	46.26 0.14 0.00	46.04 0.14 0.00	53.57 0.16 0.00	58.26 0.17 0.00	69.93 0.21 0.00	79.71 0.16 0.00	72.85 0.15 0.00	71.16 0.14 0.00	66.74 0.13 0.00	63.57 0.19 0.00	68.27 0.20 0.00	62.04 0.19 0.00
JENNISON____1 23625	52.07 0.92 0.00	48.94 1.15 0.00	45.99 1.17 0.00	43.50 0.98 0.00	43.72 0.86 0.00	44.09 0.82 0.00	47.13 0.83 0.00	52.23 1.27 0.00	52.10 1.22 0.00	50.42 1.13 0.00	49.35 1.11 0.00	47.63 1.03 0.00	47.09 0.97 0.00	46.87 0.96 0.00	54.80 1.39 0.00	59.77 1.68 0.00	72.51 2.79 0.00	82.97 3.42 0.00	75.91 3.20 0.00	74.21 3.20 0.00	69.67 3.06 0.00	65.60 2.22 0.00	70.31 2.25 0.00	64.20 2.35 0.00
JENNISON____2 23626	52.07 0.92 0.00	48.94 1.15 0.00	45.99 1.17 0.00	43.50 0.98 0.00	43.72 0.86 0.00	44.09 0.82 0.00	47.13 0.83 0.00	52.23 1.27 0.00	52.10 1.22 0.00	50.42 1.13 0.00	49.35 1.11 0.00	47.63 1.03 0.00	47.09 0.97 0.00	46.87 0.96 0.00	54.80 1.39 0.00	59.77 1.68 0.00	72.51 2.79 0.00	82.97 3.42 0.00	75.91 3.20 0.00	74.21 3.20 0.00	69.67 3.06 0.00	65.60 2.22 0.00	70.31 2.25 0.00	64.20 2.35 0.00
JERICOHO_RISE_WT_PWR 323719	50.68 -0.46 0.00	47.26 -0.52 0.00	44.34 -0.49 0.00	42.01 -0.51 0.00	42.31 -0.56 0.00	42.67 -0.61 0.00	45.74 -0.55 0.00	50.24 -0.71 0.00	50.16 -0.71 0.00	48.64 -0.64 0.00	47.56 -0.68 0.00	45.95 -0.65 0.00	45.47 -0.65 0.00	45.26 -0.64 0.00	52.93 -0.48 0.00	57.62 -0.47 0.00	69.44 -0.28 0.00	79.47 -0.08 0.00	72.49 -0.22 0.00	70.73 -0.28 0.00	66.48 -0.13 0.00	63.06 -0.32 0.00	67.79 -0.27 0.00	61.73 -0.12 0.00
KATONAH__115KV_46KV_TB4 355592	54.11 2.97 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.90 2.38 0.00	45.27 2.40 0.00	45.74 2.47 0.00	48.98 2.69 0.00	53.96 3.01 0.00	53.88 3.00 0.00	52.24 2.96 0.00	51.08 2.85 0.00	49.31 2.70 0.00	48.93 2.81 0.00	48.75 2.85 0.00	56.67 3.26 0.00	61.57 3.48 0.00	73.69 3.97 0.00	83.93 4.38 0.00	76.71 4.00 0.00	74.99 3.98 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.47 3.40 0.00	64.57 2.72 0.00
KCE_NY_1 323755	53.80 2.66 0.00	50.22 2.44 0.00	47.20 2.37 0.00	44.73 2.21 0.00	45.05 2.19 0.00	45.56 2.29 0.00	48.56 2.27 0.00	53.40 2.45 0.00	53.32 2.44 0.00	51.60 2.32 0.00	50.46 2.22 0.00	48.70 2.10 0.00	48.29 2.17 0.00	48.11 2.20 0.00	56.03 2.62 0.00	60.98 2.90 0.00	73.27 3.55 0.00	83.45 3.90 0.00	76.41 3.71 0.00	74.71 3.69 0.00	69.94 3.33 0.00	66.48 3.10 0.00	71.40 3.33 0.00	64.70 2.85 0.00
KCE_NY_6_ESR 323823	46.08 -5.06 0.00	43.35 -4.44 0.00	40.66 -4.17 0.00	38.48 -4.04 0.00	38.97 -3.90 0.00	38.64 -4.63 0.00	41.06 -5.23 0.00	45.55 -5.40 0.00	44.60 -5.60 0.68	44.01 -5.27 0.00	43.03 -5.21 0.00	41.81 -4.80 0.00	40.05 -4.93 1.14	39.71 -5.00 1.20	43.13 -6.57 3.71	42.79 -7.32 7.97	61.30 -7.74 0.68	71.60 -7.95 0.00	65.87 -6.84 0.00	64.63 -6.39 0.00	60.81 -5.80 0.00	57.99 -5.39 0.00	63.71 -4.36 0.00	60.06 -1.80 0.00
KEDC_PORT_JEFF_GT2 24210	56.11 4.96 -0.01	52.39 4.59 -0.01	48.95 4.12 0.00	46.18 3.66 0.00	46.73 3.86 0.00	47.12 3.85 0.00	50.65 4.35 -0.01	55.91 4.94 -0.01	55.61 4.73 0.00	53.67 4.38 0.00	52.59 4.34 -0.01	50.81 4.20 -0.01	50.37 4.24 -0.01	50.23 4.31 -0.01	58.50 5.08 -0.02	67.82 5.40 -4.34	108.50 6.41 -32.37	119.66 7.24 -32.87	118.87 6.62 -39.55	115.51 6.61 -37.89	106.08 6.00 -33.48	91.19 5.83 -21.98	74.20 6.13 -0.01	67.11 5.25 -0.01
KEDC_PORT_JEFF_GT3 24211	56.11 4.96 -0.01	52.39 4.59 -0.01	48.95 4.12 0.00	46.18 3.66 0.00	46.73 3.86 0.00	47.12 3.85 0.00	50.65 4.35 -0.01	55.91 4.94 -0.01	55.61 4.73 0.00	53.67 4.38 0.00	52.59 4.34 -0.01	50.81 4.20 -0.01	50.37 4.24 -0.01	50.23 4.31 -0.01	58.50 5.08 -0.02	67.82 5.40 -4.34	108.50 6.41 -32.37	119.66 7.24 -32.87	118.87 6.62 -39.55	115.51 6.61 -37.89	106.08 6.00 -33.48	91.19 5.83 -21.98	74.20 6.13 -0.01	67.11 5.25 -0.01
KEDC_GLWD_GT4 24219	54.79 3.63 -0.01	51.14 3.34 -0.01	47.92 3.09 0.00	45.37 2.85 0.00	45.82 2.96 0.00	46.22 2.94 0.00	49.59 3.29 -0.01	54.68 3.72 -0.01	54.54 3.67 0.00	52.73 3.45 0.00	51.67 3.43 -0.01	49.97 3.36 -0.01	49.54 3.41 -0.01	49.36 3.44 -0.01	57.38 3.95 -0.02	66.55 4.12 -4.34	106.76 4.67 -32.37	117.52 5.10 -32.87	116.98 4.72 -39.55	113.66 4.76 -37.89	104.41 4.33 -33.48	89.54 4.18 -21.98	72.29 4.22 -0.01	65.32 3.46 -0.01
KEDC_GLWD_GT5 24220	54.79 3.63 -0.01	51.14 3.34 -0.01	47.92 3.09 0.00	45.37 2.85 0.00	45.82 2.96 0.00	46.22 2.94 0.00	49.59 3.29 -0.01	54.68 3.72 -0.01	54.54 3.67 0.00	52.73 3.45 0.00	51.67 3.43 -0.01	49.97 3.36 -0.01	49.54 3.41 -0.01	49.36 3.44 -0.01	57.38 3.95 -0.02	66.55 4.12 -4.34	106.76 4.67 -32.37	117.52 5.10 -32.87	116.98 4.72 -39.55	113.66 4.76 -37.89	104.41 4.33 -33.48	89.54 4.18 -21.98	72.29 4.22 -0.01	65.32 3.46 -0.01
KENSICO____ 23655	53.91 2.76 0.00	50.32 2.53 0.00	47.16 2.33 0.00	44.73 2.21 0.00	45.10 2.23 0.00	45.56 2.29 0.00	48.80 2.50 0.00	53.81 2.85 0.00	53.67 2.80 0.00	52.00 2.71 0.00	50.84 2.60 0.00	49.08 2.47 0.00	48.75 2.63 0.00	48.57 2.66 0.00	56.51 3.10 0.00	61.28 3.19 0.00	73.28 3.56 0.00	83.37 3.82 0.00	76.27 3.56 0.00	74.64 3.62 0.00	69.87 3.26 0.00	66.49 3.11 0.00	71.06 2.99 0.00	64.20 2.35 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	54.21 3.07 0.00	50.56 2.77 0.00	47.38 2.56 0.00	45.03 2.51 0.00	45.27 2.40 0.00	45.78 2.51 0.00	48.89 2.59 0.00	53.86 2.90 0.00	53.73 2.85 0.00	51.95 2.66 0.00	50.65 2.41 0.00	48.89 2.28 0.00	48.56 2.44 0.00	48.43 2.52 0.00	56.45 3.04 0.00	61.39 3.31 0.00	73.83 4.11 0.00	84.41 4.85 0.00	77.14 4.44 0.00	75.28 4.26 0.00	70.47 3.86 0.00	66.99 3.61 0.00	71.47 3.40 0.00	64.45 2.60 0.00

KIAC_JFK_GT1 23816	53.81 2.66 0.00	50.13 2.34 0.00	46.94 2.11 0.00	44.52 2.00 0.00	44.84 1.97 0.00	45.48 2.21 0.00	49.03 2.73 0.00	54.37 3.41 0.00	54.35 3.46 -0.02	52.65 3.35 -0.02	50.99 2.75 0.00	49.26 2.66 0.00	48.93 2.81 0.00	48.84 2.94 0.00	56.83 3.42 0.00	61.80 3.72 0.00	73.21 3.49 0.00	83.37 3.82 0.00	76.27 3.56 0.00	74.78 3.76 0.00	70.01 3.40 0.00	66.93 3.55 0.00	70.92 2.86 0.00	64.33 2.47 0.00
KIAC_JFK_GT2 23817	53.81 2.66 0.00	50.13 2.34 0.00	46.94 2.11 0.00	44.52 2.00 0.00	44.84 1.97 0.00	45.48 2.21 0.00	49.03 2.73 0.00	54.37 3.41 0.00	54.35 3.46 -0.02	52.65 3.35 -0.02	50.99 2.75 0.00	49.26 2.66 0.00	48.93 2.81 0.00	48.84 2.94 0.00	56.83 3.42 0.00	61.80 3.72 0.00	73.21 3.49 0.00	83.37 3.82 0.00	76.27 3.56 0.00	74.78 3.76 0.00	70.01 3.40 0.00	66.93 3.55 0.00	70.92 2.86 0.00	64.33 2.47 0.00
KIAC_JFK____ 323774	53.80 2.66 0.00	50.13 2.34 0.00	46.94 2.11 0.00	44.52 2.00 0.00	44.88 2.02 0.00	45.48 2.21 0.00	49.03 2.73 0.00	54.32 3.36 0.00	54.35 3.46 -0.02	52.65 3.35 -0.02	51.04 2.80 0.00	49.35 2.75 0.00	48.98 2.86 0.00	48.85 2.94 0.00	56.83 3.42 0.00	61.80 3.72 0.00	73.20 3.48 0.00	83.37 3.82 0.00	76.27 3.56 0.00	74.78 3.76 0.00	70.01 3.40 0.00	66.93 3.55 0.00	70.92 2.86 0.00	64.26 2.41 0.00
KINTIGH__24_KV_GSU 356498	46.08 -5.06 0.00	43.35 -4.44 0.00	40.61 -4.22 0.00	38.44 -4.08 0.00	38.88 -3.99 0.00	38.82 -4.46 0.00	41.25 -5.04 0.00	45.76 -5.20 0.00	45.19 -5.34 0.35	44.26 -5.03 0.00	43.27 -4.97 0.00	41.99 -4.61 0.00	40.78 -4.75 0.59	40.51 -4.78 0.62	45.68 -5.82 1.91	47.71 -6.27 4.10	61.98 -7.39 0.35	71.68 -7.88 0.00	65.87 -6.84 0.00	64.56 -6.46 0.00	60.68 -5.93 0.00	57.87 -5.51 0.00	63.23 -4.83 0.00	59.01 -2.84 0.00
KINTIGH____ 23543	46.08 -5.06 0.00	43.30 -4.49 0.00	40.61 -4.21 0.00	38.48 -4.04 0.00	38.84 -4.03 0.00	38.81 -4.46 0.00	41.25 -5.05 0.00	45.71 -5.25 0.00	45.18 -5.34 0.35	44.26 -5.03 0.00	43.27 -4.97 0.00	42.32 -4.29 0.00	40.78 -4.75 0.59	40.52 -4.77 0.62	45.62 -5.88 1.91	47.65 -6.33 4.10	61.98 -7.39 0.35	71.68 -7.88 0.00	65.87 -6.83 0.00	64.48 -6.53 0.00	60.68 -5.93 0.00	57.87 -5.51 0.00	63.23 -4.83 0.00	58.82 -3.03 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	51.56 0.41 0.00	48.03 0.24 0.00	45.05 0.22 0.00	42.69 0.17 0.00	42.95 0.09 0.00	43.36 0.09 0.00	46.57 0.28 0.00	51.11 0.15 0.00	51.08 0.20 0.00	49.53 0.25 0.00	48.43 0.19 0.00	46.75 0.14 0.00	46.30 0.18 0.00	46.09 0.18 0.00	53.89 0.48 0.00	58.55 0.46 0.00	70.77 1.05 0.00	80.99 1.43 0.00	73.94 1.24 0.00	72.15 1.14 0.00	67.88 1.27 0.00	64.33 0.95 0.00	69.02 0.95 0.00	62.90 1.05 0.00
LACHUTE____HYDRO 323717	54.93 3.78 0.00	51.23 3.44 0.00	48.23 3.41 0.00	45.67 3.15 0.00	45.96 3.09 0.00	46.60 3.33 0.00	49.45 3.15 0.00	54.37 3.41 0.00	54.38 3.51 0.00	52.59 3.30 0.00	51.28 3.04 0.00	49.45 2.84 0.00	48.98 2.86 0.00	48.80 2.89 0.00	56.99 3.58 0.00	62.32 4.24 0.00	75.16 5.44 0.00	85.92 6.37 0.00	78.74 6.03 0.00	76.91 5.89 0.00	71.87 5.26 0.00	68.19 4.81 0.00	73.17 5.11 0.00	66.37 4.51 0.00
LAWRNCALV_115KV_TB1 80681	51.91 0.77 0.00	48.36 0.57 0.00	45.41 0.58 0.00	43.03 0.51 0.00	43.30 0.43 0.00	43.70 0.43 0.00	46.90 0.60 0.00	51.52 0.56 0.00	51.44 0.56 0.00	49.93 0.64 0.00	48.82 0.58 0.00	47.16 0.56 0.00	46.58 0.46 0.00	46.41 0.50 0.00	54.16 0.75 0.00	58.84 0.76 0.00	70.70 0.98 0.00	80.75 1.19 0.00	73.73 1.02 0.00	71.94 0.92 0.00	67.81 1.20 0.00	64.46 1.08 0.00	69.29 1.23 0.00	63.21 1.36 0.00
LEDERLE____ 23769	53.65 2.51 0.00	50.13 2.34 0.00	47.03 2.20 0.00	44.65 2.13 0.00	44.97 2.10 0.00	45.48 2.21 0.00	48.61 2.31 0.00	53.56 2.60 0.00	53.42 2.54 0.00	51.75 2.46 0.00	50.60 2.36 0.00	48.84 2.24 0.00	48.52 2.40 0.00	48.34 2.43 0.00	56.19 2.78 0.00	60.93 2.85 0.00	72.93 3.21 0.00	83.05 3.50 0.00	75.98 3.27 0.00	74.36 3.34 0.00	69.54 2.93 0.00	66.23 2.85 0.00	70.72 2.65 0.00	63.89 2.04 0.00
LIGHTHSE_115KV_TB6 355974	50.12 -1.02 0.00	46.98 -0.81 0.00	44.07 -0.76 0.00	41.76 -0.77 0.00	42.05 -0.81 0.00	42.41 -0.87 0.00	45.37 -0.93 0.00	50.04 -0.92 0.00	50.01 -0.86 0.00	48.50 -0.79 0.00	47.51 -0.72 0.00	46.05 -0.56 0.00	45.52 -0.60 0.00	45.31 -0.60 0.00	52.56 -0.85 0.00	57.27 -0.81 0.00	69.09 -0.63 0.00	78.84 -0.72 0.00	71.91 -0.80 0.00	70.24 -0.78 0.00	65.94 -0.67 0.00	62.87 -0.51 0.00	67.59 -0.48 0.00	61.54 -0.31 0.00
LINDEN COGEN____ 23786	53.96 2.81 0.00	50.32 2.53 0.00	47.16 2.33 0.00	44.78 2.25 0.00	45.14 2.27 0.00	45.56 2.29 0.00	48.84 2.54 0.00	53.86 2.90 0.00	53.77 2.90 0.00	52.09 2.81 0.00	50.89 2.65 0.00	49.26 2.66 0.00	48.84 2.72 0.00	48.66 2.75 0.00	56.61 3.20 0.00	61.33 3.25 0.00	73.07 3.35 0.00	83.21 3.66 0.00	76.13 3.42 0.00	74.50 3.48 0.00	69.74 3.13 0.00	66.48 3.10 0.00	70.79 2.73 0.00	63.96 2.10 0.00
LINDHRST_69_KV_BK1 356055	55.90 4.76 0.00	52.19 4.40 0.00	48.82 3.99 0.00	46.05 3.53 0.00	46.55 3.69 0.00	46.99 3.72 0.00	50.51 4.21 0.00	55.70 4.74 0.00	55.51 4.63 0.00	53.57 4.29 0.00	52.48 4.24 0.00	50.71 4.10 0.00	50.32 4.20 0.00	50.18 4.27 0.00	58.39 4.97 -0.02	67.59 5.17 -4.34	108.15 6.07 -32.37	119.19 6.76 -32.87	118.43 6.18 -39.55	115.08 6.18 -37.89	105.75 5.66 -33.48	90.81 5.45 -21.98	73.85 5.79 0.00	66.74 4.89 0.00
LIPA_MISC_IPP 23656	56.16 5.01 0.00	52.42 4.64 0.00	49.00 4.17 0.00	46.22 3.70 0.00	46.73 3.86 0.00	47.17 3.89 0.00	50.69 4.40 0.00	55.95 4.99 0.00	55.66 4.78 0.00	53.67 4.39 0.00	52.53 4.29 0.00	50.75 4.15 0.00	50.36 4.24 0.00	50.22 4.32 0.00	58.50 5.07 -0.02	67.82 5.40 -4.34	108.57 6.48 -32.37	119.74 7.32 -32.87	118.94 6.69 -39.55	115.58 6.68 -37.89	106.08 5.99 -33.48	91.26 5.89 -21.98	74.26 6.19 0.00	67.11 5.26 0.00
LISF____SOLAR 323691	56.27 5.11 -0.01	52.53 4.73 -0.01	49.09 4.26 0.00	46.31 3.78 0.00	46.85 3.99 0.00	47.25 3.98 0.00	50.79 4.49 -0.01	56.06 5.10 -0.01	55.76 4.88 0.00	53.77 4.48 0.00	52.64 4.39 -0.01	50.85 4.24 -0.01	50.42 4.29 -0.01	50.28 4.36 -0.01	58.55 5.13 -0.02	67.94 5.52 -4.34	108.71 6.63 -32.37	119.90 7.48 -32.87	119.16 6.91 -39.55	115.79 6.89 -37.89	106.28 6.20 -33.48	91.45 6.09 -21.98	74.40 6.33 -0.01	67.30 5.44 -0.01
LITTLE FALLS____HYD 24013	54.06 2.92 0.00	50.51 2.72 0.00	47.43 2.60 0.00	44.99 2.47 0.00	45.27 2.40 0.00	45.65 2.38 0.00	48.70 2.41 0.00	53.61 2.65 0.00	53.47 2.59 0.00	51.80 2.51 0.00	50.65 2.41 0.00	48.94 2.33 0.00	48.38 2.26 0.00	48.11 2.20 0.00	55.92 2.51 0.00	60.81 2.73 0.00	73.14 3.42 0.00	83.45 3.90 0.00	76.27 3.56 0.00	74.50 3.48 0.00	69.87 3.26 0.00	66.74 3.36 0.00	71.81 3.74 0.00	65.38 3.53 0.00

LITTLRIV_115KV_TB1 356100	52.37 1.23 0.00	48.84 1.05 0.00	45.86 1.03 0.00	43.46 0.94 0.00	43.68 0.81 0.00	44.09 0.82 0.00	47.27 0.97 0.00	52.03 1.07 0.00	51.89 1.02 0.00	50.37 1.08 0.00	49.25 1.01 0.00	47.54 0.93 0.00	46.95 0.83 0.00	46.78 0.87 0.00	54.64 1.23 0.00	59.42 1.34 0.00	71.46 1.74 0.00	81.70 2.15 0.00	74.60 1.89 0.00	72.72 1.70 0.00	68.61 2.00 0.00	65.22 1.84 0.00	70.04 1.97 0.00	63.96 2.10 0.00
LI_NEWBRDGE___DRP 323616	54.93 3.78 0.00	51.28 3.49 0.00	48.06 3.23 0.00	45.41 2.89 0.00	45.87 3.00 0.00	46.34 3.07 0.00	49.72 3.43 0.00	54.83 3.87 0.00	54.64 3.76 0.00	52.83 3.55 0.00	51.66 3.42 0.00	49.91 3.31 0.00	49.53 3.41 0.00	49.39 3.49 0.00	57.38 3.95 -0.02	66.49 4.07 -4.34	106.62 4.53 -32.37	117.36 4.93 -32.87	116.83 4.58 -39.55	113.52 4.62 -37.89	104.28 4.20 -33.48	89.42 4.06 -21.98	72.42 4.36 0.00	65.50 3.65 0.00
LOCKPORT_115KV_TB60_63_64 80432	45.83 -5.32 0.00	43.06 -4.73 0.00	40.44 -4.39 0.00	38.31 -4.21 0.00	38.71 -4.16 0.00	38.51 -4.76 0.00	40.69 -5.60 0.00	45.15 -5.81 0.00	44.53 -5.85 0.50	43.42 -5.86 0.00	42.45 -5.79 0.00	41.53 -5.08 0.00	40.13 -5.17 0.83	39.85 -5.19 0.87	44.20 -6.52 2.70	45.13 -7.14 5.81	60.65 -8.58 0.50	70.48 -9.07 0.00	64.86 -7.85 0.00	63.49 -7.53 0.00	59.88 -6.73 0.00	57.04 -6.34 0.00	62.82 -5.24 0.00	59.32 -2.54 0.00
LOCKPORT___CC1 323769	45.72 -5.42 0.00	43.01 -4.78 0.00	40.35 -4.48 0.00	38.19 -4.34 0.00	38.67 -4.20 0.00	38.43 -4.85 0.00	40.65 -5.65 0.00	45.10 -5.86 0.00	44.28 -6.06 0.54	43.37 -5.92 0.00	42.40 -5.84 0.00	41.15 -5.45 0.00	39.97 -5.26 0.90	39.64 -5.32 0.94	43.81 -6.68 2.92	44.53 -7.26 6.29	60.53 -8.65 0.54	70.41 -9.15 0.00	64.78 -7.92 0.00	63.56 -7.46 0.00	59.82 -6.79 0.00	57.04 -6.34 0.00	62.75 -5.31 0.00	59.50 -2.35 0.00
LOCKPORT___CC2 323770	45.72 -5.42 0.00	43.01 -4.78 0.00	40.35 -4.48 0.00	38.19 -4.34 0.00	38.67 -4.20 0.00	38.43 -4.85 0.00	40.65 -5.65 0.00	45.10 -5.86 0.00	44.28 -6.06 0.54	43.37 -5.92 0.00	42.40 -5.84 0.00	41.15 -5.45 0.00	39.97 -5.26 0.90	39.64 -5.32 0.94	43.81 -6.68 2.92	44.53 -7.26 6.29	60.53 -8.65 0.54	70.41 -9.15 0.00	64.78 -7.92 0.00	63.56 -7.46 0.00	59.82 -6.79 0.00	57.04 -6.34 0.00	62.75 -5.31 0.00	59.50 -2.35 0.00
LOCKPORT___CC3 323771	45.72 -5.42 0.00	43.01 -4.78 0.00	40.35 -4.48 0.00	38.19 -4.34 0.00	38.67 -4.20 0.00	38.43 -4.85 0.00	40.65 -5.65 0.00	45.10 -5.86 0.00	44.28 -6.06 0.54	43.37 -5.92 0.00	42.40 -5.84 0.00	41.15 -5.45 0.00	39.97 -5.26 0.90	39.64 -5.32 0.94	43.81 -6.68 2.92	44.53 -7.26 6.29	60.53 -8.65 0.54	70.41 -9.15 0.00	64.78 -7.92 0.00	63.56 -7.46 0.00	59.82 -6.79 0.00	57.04 -6.34 0.00	62.75 -5.31 0.00	59.50 -2.35 0.00
LOCUSVLY_69_KV_BK2 55797	55.19 4.04 0.00	51.52 3.73 0.00	48.24 3.41 0.00	45.63 3.10 0.00	46.08 3.22 0.00	46.52 3.25 0.00	49.95 3.66 0.00	55.08 4.13 0.00	54.90 4.02 0.00	53.08 3.79 0.00	52.00 3.76 0.00	50.24 3.64 0.00	49.86 3.74 0.00	49.67 3.76 0.00	57.75 4.33 -0.02	66.95 4.53 -4.34	107.25 5.16 -32.37	118.07 5.65 -32.87	117.49 5.23 -39.55	114.16 5.26 -37.89	104.88 4.80 -33.48	89.99 4.63 -21.98	72.83 4.76 0.00	65.81 3.96 0.00
LONG_LAKE_PHOENIX 24014	49.36 -1.79 0.00	46.21 -1.58 0.00	43.35 -1.48 0.00	41.12 -1.40 0.00	41.45 -1.41 0.00	41.80 -1.47 0.00	44.72 -1.57 0.00	49.38 -1.58 0.00	49.40 -1.48 0.00	47.81 -1.48 0.00	46.84 -1.40 0.00	45.30 -1.30 0.00	44.78 -1.34 0.00	44.58 -1.33 0.00	51.70 -1.71 0.00	56.22 -1.86 0.00	67.63 -2.09 0.00	77.33 -2.23 0.00	70.74 -1.96 0.00	69.17 -1.85 0.00	64.88 -1.73 0.00	61.61 -1.77 0.00	66.23 -1.84 0.00	60.24 -1.61 0.00
LOVETT___3 23632	53.50 2.35 0.00	49.94 2.15 0.00	46.89 2.06 0.00	44.52 2.00 0.00	44.84 1.97 0.00	45.30 2.03 0.00	48.47 2.18 0.00	53.40 2.45 0.00	53.27 2.39 0.00	51.60 2.32 0.00	50.51 2.27 0.00	48.75 2.14 0.00	48.38 2.26 0.00	48.20 2.30 0.00	56.03 2.62 0.00	60.75 2.67 0.00	72.65 2.93 0.00	82.74 3.18 0.00	75.62 2.91 0.00	74.00 2.98 0.00	69.27 2.66 0.00	65.98 2.60 0.00	70.45 2.38 0.00	63.71 1.86 0.00
LOVETT___4 23642	53.50 2.35 0.00	49.94 2.15 0.00	46.89 2.06 0.00	44.52 2.00 0.00	44.84 1.97 0.00	45.30 2.03 0.00	48.47 2.18 0.00	53.40 2.45 0.00	53.27 2.39 0.00	51.60 2.32 0.00	50.51 2.27 0.00	48.75 2.14 0.00	48.38 2.26 0.00	48.20 2.30 0.00	56.03 2.62 0.00	60.75 2.67 0.00	72.65 2.93 0.00	82.74 3.18 0.00	75.62 2.91 0.00	74.00 2.98 0.00	69.27 2.66 0.00	65.98 2.60 0.00	70.45 2.38 0.00	63.71 1.86 0.00
LOVETT___5 23593	53.50 2.35 0.00	49.94 2.15 0.00	46.89 2.06 0.00	44.52 2.00 0.00	44.84 1.97 0.00	45.30 2.03 0.00	48.47 2.18 0.00	53.40 2.45 0.00	53.27 2.39 0.00	51.60 2.32 0.00	50.51 2.27 0.00	48.75 2.14 0.00	48.38 2.26 0.00	48.20 2.30 0.00	56.03 2.62 0.00	60.75 2.67 0.00	72.65 2.93 0.00	82.74 3.18 0.00	75.62 2.91 0.00	74.00 2.98 0.00	69.27 2.66 0.00	65.98 2.60 0.00	70.45 2.38 0.00	63.71 1.86 0.00
LOWER RAQUET___HYD 24057	51.86 0.72 0.00	48.36 0.58 0.00	45.41 0.58 0.00	42.99 0.47 0.00	43.30 0.43 0.00	43.70 0.43 0.00	46.85 0.56 0.00	51.52 0.56 0.00	51.39 0.51 0.00	49.92 0.64 0.00	48.82 0.58 0.00	47.12 0.51 0.00	46.58 0.46 0.00	46.41 0.51 0.00	54.16 0.75 0.00	58.83 0.75 0.00	70.70 0.98 0.00	80.75 1.20 0.00	73.65 0.94 0.00	71.87 0.86 0.00	67.87 1.26 0.00	64.52 1.14 0.00	69.29 1.23 0.00	63.28 1.42 0.00
LOWER___HUDSON 24059	53.50 2.35 0.00	49.94 2.15 0.00	46.89 2.06 0.00	44.48 1.96 0.00	44.80 1.93 0.00	45.26 1.99 0.00	48.33 2.03 0.00	53.10 2.14 0.00	52.96 2.09 0.00	51.31 2.02 0.00	50.22 1.98 0.00	48.52 1.91 0.00	48.06 1.94 0.00	47.88 1.97 0.00	55.70 2.30 0.00	60.58 2.50 0.00	72.58 2.86 0.00	82.65 3.10 0.00	75.62 2.91 0.00	73.93 2.91 0.00	69.28 2.67 0.00	65.92 2.54 0.00	70.72 2.65 0.00	64.02 2.16 0.00
LOWVILLE_115KV_TB2 356335	51.30 0.15 0.00	48.03 0.24 0.00	45.14 0.31 0.00	42.69 0.17 0.00	42.91 0.04 0.00	43.31 0.04 0.00	46.30 0.00 0.00	51.16 0.20 0.00	51.08 0.20 0.00	49.58 0.30 0.00	48.62 0.39 0.00	46.93 0.33 0.00	46.49 0.37 0.00	46.27 0.37 0.00	53.84 0.43 0.00	58.60 0.52 0.00	70.77 1.05 0.00	80.83 1.27 0.00	73.80 1.09 0.00	71.94 0.92 0.00	67.68 1.07 0.00	64.46 1.08 0.00	69.15 1.09 0.00	63.65 1.79 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	53.75 2.61 0.00	50.23 2.44 0.00	47.16 2.33 0.00	44.69 2.17 0.00	45.01 2.14 0.00	45.52 2.25 0.00	48.56 2.27 0.00	53.35 2.39 0.00	53.27 2.39 0.00	51.55 2.27 0.00	50.41 2.17 0.00	48.66 2.05 0.00	48.24 2.12 0.00	48.06 2.16 0.00	55.97 2.56 0.00	60.99 2.90 0.00	73.21 3.49 0.00	83.37 3.82 0.00	76.34 3.64 0.00	74.64 3.62 0.00	69.87 3.26 0.00	66.49 3.11 0.00	71.33 3.27 0.00	64.70 2.85 0.00

LUTHERNY_35_KV_BK2 355980	53.81 2.66 0.00	50.23 2.44 0.00	47.20 2.38 0.00	44.73 2.21 0.00	45.05 2.19 0.00	45.56 2.29 0.00	48.56 2.27 0.00	53.40 2.27 0.00	53.32 2.44 0.00	51.60 2.32 0.00	50.46 2.22 0.00	48.70 2.10 0.00	48.29 2.17 0.00	48.11 2.20 0.00	56.03 2.62 0.00	60.99 2.90 0.00	73.28 3.56 0.00	83.45 3.90 0.00	76.42 3.71 0.00	74.71 3.69 0.00	69.94 3.33 0.00	66.49 3.11 0.00	71.40 3.34 0.00	64.76 2.91 0.00
LWR___OSWEGATCHIE_HYD 23850	51.35 0.20 0.00	47.98 0.19 0.00	45.10 0.27 0.00	42.65 0.13 0.00	42.91 0.04 0.00	43.18 -0.09 0.00	46.25 -0.05 0.00	50.96 0.00 0.00	50.88 0.00 0.00	49.43 0.15 0.00	48.43 0.19 0.00	46.84 0.23 0.00	46.35 0.23 0.00	46.14 0.23 0.00	53.73 0.32 0.00	58.43 0.35 0.00	70.28 0.56 0.00	80.27 0.72 0.00	73.29 0.58 0.00	71.44 0.43 0.00	67.34 0.73 0.00	64.08 0.70 0.00	69.02 0.95 0.00	63.15 1.30 0.00
LYONS_FALL_HYD 23570	51.51 0.36 0.00	48.22 0.43 0.00	45.32 0.49 0.00	42.86 0.34 0.00	43.13 0.26 0.00	43.53 0.26 0.00	46.57 0.28 0.00	51.41 0.46 0.00	51.33 0.46 0.00	49.83 0.54 0.00	48.82 0.58 0.00	47.12 0.51 0.00	46.68 0.56 0.00	46.50 0.60 0.00	54.00 0.59 0.00	58.83 0.75 0.00	70.90 1.18 0.00	80.99 1.43 0.00	73.94 1.23 0.00	72.15 1.13 0.00	67.81 1.20 0.00	64.52 1.14 0.00	69.22 1.16 0.00	63.46 1.61 0.00
MADISON___COUNTY_LFGE 323628	51.81 0.66 0.00	48.60 0.81 0.00	45.64 0.81 0.00	43.25 0.72 0.00	43.55 0.69 0.00	43.96 0.69 0.00	47.04 0.74 0.00	51.98 1.02 0.00	51.89 1.02 0.00	50.27 0.99 0.00	49.25 1.01 0.00	47.54 0.93 0.00	47.04 0.92 0.00	46.87 0.96 0.00	54.42 1.01 0.00	59.24 1.16 0.00	71.32 1.60 0.00	81.38 1.83 0.00	74.38 1.67 0.00	72.65 1.63 0.00	68.21 1.60 0.00	64.84 1.46 0.00	69.56 1.50 0.00	63.40 1.55 0.00
MALONE___115KV_TB1 356076	51.71 0.56 0.00	48.17 0.38 0.00	45.19 0.36 0.00	42.86 0.34 0.00	43.12 0.26 0.00	43.53 0.26 0.00	46.76 0.46 0.00	51.36 0.41 0.00	51.39 0.51 0.00	49.88 0.59 0.00	48.72 0.48 0.00	47.02 0.42 0.00	46.54 0.42 0.00	46.32 0.41 0.00	54.16 0.75 0.00	58.78 0.70 0.00	70.97 1.25 0.00	81.14 1.59 0.00	74.09 1.38 0.00	72.30 1.28 0.00	68.08 1.47 0.00	64.58 1.20 0.00	69.29 1.23 0.00	63.15 1.30 0.00
MAPLEWOD_115KV_TB3 80458	53.55 2.40 0.00	49.99 2.20 0.00	46.89 2.06 0.00	44.48 1.96 0.00	44.80 1.93 0.00	45.26 1.99 0.00	48.38 2.08 0.00	52.84 1.89 0.00	52.71 1.83 0.00	51.11 1.82 0.00	50.02 1.78 0.00	48.28 1.68 0.00	47.92 1.80 0.00	47.74 1.84 0.00	55.55 2.14 0.00	60.29 2.21 0.00	72.23 2.51 0.00	82.10 2.55 0.00	75.18 2.47 0.00	73.50 2.49 0.00	68.94 2.33 0.00	65.60 2.22 0.00	70.38 2.31 0.00	63.77 1.92 0.00
MAPLE_RIDGE_WT_1 323574	49.71 -1.43 0.00	46.40 -1.39 0.00	43.57 -1.25 0.00	41.33 -1.19 0.00	41.67 -1.20 0.00	42.10 -1.17 0.00	45.05 -1.25 0.00	49.58 -1.37 0.00	49.51 -1.37 0.00	48.00 -1.28 0.00	46.98 -1.25 0.00	45.39 -1.21 0.00	44.92 -1.20 0.00	44.71 -1.19 0.00	52.13 -1.28 0.00	56.75 -1.33 0.00	68.19 -1.53 0.00	77.80 -1.75 0.00	71.18 -1.53 0.00	69.60 -1.42 0.00	65.48 -1.13 0.00	62.43 -0.95 0.00	67.32 -0.75 0.00	61.36 -0.50 0.00
MAPLE_RIDGE_WT_2 323611	49.71 -1.43 0.00	46.40 -1.39 0.00	43.57 -1.25 0.00	41.33 -1.19 0.00	41.67 -1.20 0.00	42.10 -1.17 0.00	45.05 -1.25 0.00	49.58 -1.37 0.00	49.51 -1.37 0.00	48.00 -1.28 0.00	46.98 -1.25 0.00	45.39 -1.21 0.00	44.92 -1.20 0.00	44.71 -1.19 0.00	52.13 -1.28 0.00	56.75 -1.33 0.00	68.19 -1.53 0.00	77.80 -1.75 0.00	71.18 -1.53 0.00	69.60 -1.42 0.00	65.48 -1.13 0.00	62.43 -0.95 0.00	67.32 -0.75 0.00	61.36 -0.50 0.00
MARBLE_RIVER_WT_PWR 323696	50.68 -0.46 0.00	47.31 -0.48 0.00	44.38 -0.45 0.00	42.06 -0.47 0.00	42.31 -0.56 0.00	42.71 -0.56 0.00	45.74 -0.55 0.00	50.24 -0.71 0.00	50.21 -0.66 0.00	48.64 -0.64 0.00	47.61 -0.63 0.00	46.00 -0.61 0.00	45.52 -0.60 0.00	45.31 -0.60 0.00	52.93 -0.48 0.00	57.68 -0.40 0.00	69.51 -0.21 0.00	79.47 -0.08 0.00	72.49 -0.22 0.00	70.73 -0.28 0.00	66.48 -0.13 0.00	63.13 -0.25 0.00	67.79 -0.27 0.00	61.73 -0.12 0.00
MARSHVLE_115KV_TB1 80742	52.32 1.18 0.00	48.84 1.05 0.00	45.90 1.08 0.00	43.46 0.94 0.00	43.72 0.86 0.00	44.31 1.04 0.00	47.22 0.93 0.00	52.08 1.12 0.00	51.64 0.76 0.00	49.48 0.20 0.00	48.29 0.05 0.00	46.56 -0.05 0.00	46.26 0.14 0.00	46.27 0.37 0.00	54.21 0.80 0.00	59.59 1.51 0.00	72.16 2.44 0.00	82.18 2.63 0.00	75.33 2.62 0.00	73.50 2.49 0.00	68.74 2.13 0.00	65.41 2.03 0.00	70.11 2.04 0.00	63.52 1.67 0.00
MARSH_HILL_WT_PWR 323713	47.72 -3.43 0.00	44.92 -2.87 0.00	42.05 -2.78 0.00	39.85 -2.68 0.00	40.25 -2.62 0.00	40.29 -2.99 0.00	43.01 -3.29 0.00	47.69 -3.26 0.00	49.84 -3.36 -2.33	46.03 -3.25 0.00	45.01 -3.23 0.00	43.53 -3.08 0.00	46.74 -3.27 -3.89	46.69 -3.31 -4.09	61.82 -4.27 -12.68	80.64 -4.65 -27.20	67.51 -4.53 -2.33	75.18 -4.38 0.00	69.07 -3.63 0.00	67.75 -3.27 0.00	63.68 -2.93 0.00	60.53 -2.85 0.00	65.82 -2.24 0.00	61.17 -0.68 0.00
MCINTYRE_115KV_TB2 80467	52.73 1.59 0.00	49.17 1.39 0.00	46.17 1.34 0.00	43.71 1.19 0.00	43.98 1.11 0.00	44.40 1.13 0.00	47.59 1.30 0.00	52.38 1.43 0.00	52.20 1.32 0.00	50.67 1.38 0.00	49.49 1.25 0.00	47.72 1.12 0.00	47.18 1.06 0.00	47.01 1.10 0.00	54.91 1.50 0.00	59.77 1.68 0.00	72.09 2.37 0.00	82.42 2.86 0.00	75.18 2.47 0.00	73.29 2.27 0.00	69.07 2.46 0.00	65.66 2.28 0.00	70.51 2.45 0.00	64.33 2.47 0.00
MECO___69_KV_BK1 80468	54.06 2.92 0.00	50.42 2.63 0.00	47.43 2.60 0.00	44.90 2.38 0.00	45.14 2.27 0.00	45.74 2.47 0.00	48.70 2.41 0.00	53.66 2.70 0.00	53.22 2.34 0.00	51.06 1.77 0.00	49.69 1.45 0.00	47.96 1.35 0.00	47.60 1.48 0.00	47.61 1.70 0.00	55.87 2.46 0.00	61.45 3.37 0.00	74.46 4.74 0.00	84.88 5.33 0.00	77.80 5.09 0.00	75.99 4.97 0.00	71.07 4.46 0.00	67.50 4.12 0.00	72.35 4.29 0.00	65.63 3.77 0.00
MENANDS___115KV_TB5 355628	53.40 2.25 0.00	49.89 2.10 0.00	46.80 1.97 0.00	44.39 1.87 0.00	44.71 1.84 0.00	45.18 1.90 0.00	48.29 1.99 0.00	52.69 1.73 0.00	52.56 1.68 0.00	50.96 1.68 0.00	49.88 1.64 0.00	48.14 1.54 0.00	47.73 1.61 0.00	47.56 1.65 0.00	55.33 1.92 0.00	60.06 1.97 0.00	71.88 2.16 0.00	81.62 2.07 0.00	74.74 2.04 0.00	73.08 2.06 0.00	68.54 1.93 0.00	65.28 1.90 0.00	70.11 2.04 0.00	63.52 1.67 0.00
MG INDUSTRY___DRP 24185	53.29 2.15 0.00	49.80 2.01 0.00	46.71 1.88 0.00	44.31 1.79 0.00	44.63 1.76 0.00	45.09 1.82 0.00	48.15 1.85 0.00	52.64 1.68 0.00	52.45 1.58 0.00	50.76 1.48 0.00	49.64 1.40 0.00	47.91 1.30 0.00	47.50 1.38 0.00	47.38 1.47 0.00	55.17 1.76 0.00	60.00 1.92 0.00	71.81 2.09 0.00	81.70 2.15 0.00	74.82 2.11 0.00	73.15 2.13 0.00	68.61 2.00 0.00	65.34 1.96 0.00	70.11 2.04 0.00	63.58 1.73 0.00

MID___OSWEGATCHIE_HYD 23849	51.35 0.20 0.00	47.98 0.19 0.00	45.10 0.27 0.00	42.65 0.13 0.00	42.91 0.04 0.00	43.18 -0.09 0.00	46.25 -0.05 0.00	50.96 0.00 0.00	50.88 0.00 0.00	49.43 0.15 0.00	48.43 0.19 0.00	46.84 0.23 0.00	46.35 0.23 0.00	46.14 0.23 0.00	53.73 0.32 0.00	58.43 0.35 0.00	70.28 0.56 0.00	80.27 0.72 0.00	73.29 0.58 0.00	71.44 0.43 0.00	67.34 0.73 0.00	64.08 0.70 0.00	69.02 0.95 0.00	63.15 1.30 0.00
MID___RAQUETTE_HYD 23851	51.86 0.72 0.00	48.36 0.57 0.00	45.41 0.58 0.00	42.99 0.47 0.00	43.30 0.43 0.00	43.70 0.43 0.00	46.85 0.56 0.00	51.52 0.56 0.00	51.39 0.51 0.00	49.93 0.64 0.00	48.82 0.58 0.00	47.12 0.51 0.00	46.58 0.46 0.00	46.37 0.46 0.00	54.16 0.75 0.00	58.84 0.76 0.00	70.63 0.91 0.00	80.75 1.19 0.00	73.65 0.95 0.00	71.87 0.85 0.00	67.88 1.27 0.00	64.52 1.14 0.00	69.29 1.23 0.00	63.27 1.42 0.00
MILLIKEN___1 23584	50.99 -0.15 0.00	47.84 0.05 0.00	44.83 0.00 0.00	42.57 0.04 0.00	42.91 0.04 0.00	43.27 0.00 0.00	46.30 0.00 0.00	51.16 0.20 0.00	51.30 0.25 0.00	49.48 0.20 0.00	48.43 0.19 0.00	46.84 0.23 0.00	46.55 0.14 -0.29	46.35 0.14 -0.30	54.35 0.00 -0.94	60.16 0.06 -2.02	70.38 0.49 -0.17	80.51 0.95 0.00	73.65 0.95 0.00	72.08 1.07 0.00	67.54 0.93 0.00	64.14 0.76 0.00	68.88 0.82 0.00	62.72 0.87 0.00
MILLIKEN___2 23585	50.99 -0.15 0.00	47.84 0.05 0.00	44.83 0.00 0.00	42.57 0.04 0.00	42.91 0.04 0.00	43.27 0.00 0.00	46.30 0.00 0.00	51.16 0.20 0.00	51.30 0.25 0.00	49.48 0.20 0.00	48.43 0.19 0.00	46.84 0.23 0.00	46.55 0.14 -0.29	46.35 0.14 -0.30	54.35 0.00 -0.94	60.16 0.06 -2.02	70.38 0.49 -0.17	80.51 0.95 0.00	73.65 0.95 0.00	72.08 1.07 0.00	67.54 0.93 0.00	64.14 0.76 0.00	68.88 0.82 0.00	62.72 0.87 0.00
MILLIKEN___DIESEL 23629	50.99 -0.15 0.00	47.84 0.05 0.00	44.83 0.00 0.00	42.57 0.04 0.00	42.91 0.04 0.00	43.27 0.00 0.00	46.30 0.00 0.00	51.16 0.20 0.00	51.30 0.25 0.00	49.48 0.20 0.00	48.43 0.19 0.00	46.84 0.23 0.00	46.55 0.14 -0.29	46.35 0.14 -0.30	54.35 0.00 -0.94	60.16 0.06 -2.02	70.38 0.49 -0.17	80.51 0.95 0.00	73.65 0.95 0.00	72.08 1.07 0.00	67.54 0.93 0.00	64.14 0.76 0.00	68.88 0.82 0.00	62.72 0.87 0.00
MILLSEAT___LFGE 323607	46.85 -4.30 0.00	43.96 -3.82 0.00	41.29 -3.54 0.00	39.04 -3.49 0.00	39.57 -3.30 0.00	39.46 -3.81 0.00	41.76 -4.54 0.00	46.42 -4.54 0.00	45.88 -4.58 0.42	44.80 -4.48 0.00	43.75 -4.48 0.00	42.41 -4.19 0.00	41.36 -4.06 0.70	41.13 -4.04 0.74	46.05 -5.08 2.28	47.71 -5.46 4.91	62.89 -6.41 0.42	73.03 -6.52 0.00	67.25 -5.45 0.00	65.76 -5.25 0.00	61.95 -4.66 0.00	58.88 -4.50 0.00	64.52 -3.54 0.00	60.80 -1.05 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	53.75 2.61 0.00	50.18 2.39 0.00	47.07 2.24 0.00	44.65 2.13 0.00	45.01 2.14 0.00	45.48 2.21 0.00	48.70 2.41 0.00	53.66 2.70 0.00	53.52 2.65 0.00	51.85 2.56 0.00	50.70 2.46 0.00	48.98 2.38 0.00	48.61 2.49 0.00	48.43 2.52 0.00	56.35 2.94 0.00	61.10 3.02 0.00	73.07 3.35 0.00	83.21 3.66 0.00	76.05 3.34 0.00	74.43 3.41 0.00	69.67 3.06 0.00	66.36 2.98 0.00	70.85 2.79 0.00	64.08 2.23 0.00
MILLWOOD_13_KV_LOAD 356217	53.86 2.71 0.00	50.27 2.49 0.00	47.16 2.33 0.00	44.73 2.21 0.00	45.10 2.23 0.00	45.56 2.29 0.00	48.75 2.45 0.00	53.76 2.80 0.00	53.62 2.75 0.00	51.95 2.66 0.00	50.80 2.56 0.00	49.08 2.47 0.00	48.70 2.58 0.00	48.52 2.62 0.00	56.45 3.04 0.00	61.22 3.14 0.00	73.28 3.56 0.00	83.37 3.82 0.00	76.27 3.56 0.00	74.57 3.55 0.00	69.81 3.20 0.00	66.49 3.11 0.00	71.06 2.99 0.00	64.20 2.35 0.00
MODEL_CITY_ENERGY 24167	45.52 -5.63 0.00	42.82 -4.97 0.00	40.17 -4.66 0.00	38.01 -4.51 0.00	38.49 -4.37 0.00	38.25 -5.02 0.00	40.32 -5.97 0.00	44.79 -6.17 0.00	43.99 -6.36 0.52	42.93 -6.36 0.00	41.92 -6.32 0.00	40.73 -5.87 0.00	39.81 -5.44 0.87	39.49 -5.51 0.91	43.69 -6.89 2.83	44.49 -7.49 6.10	59.86 -9.34 0.52	69.61 -9.95 0.00	64.05 -8.65 0.00	62.78 -8.24 0.00	59.08 -7.53 0.00	56.41 -6.97 0.00	62.07 -5.99 0.00	59.19 -2.66 0.00
MODERN_LFGE___ 323580	45.52 -5.63 0.00	42.82 -4.97 0.00	40.17 -4.66 0.00	38.01 -4.51 0.00	38.49 -4.37 0.00	38.25 -5.02 0.00	40.32 -5.97 0.00	44.79 -6.17 0.00	43.99 -6.36 0.52	42.93 -6.36 0.00	41.92 -6.32 0.00	40.73 -5.87 0.00	39.81 -5.44 0.87	39.49 -5.51 0.91	43.69 -6.89 2.83	44.49 -7.49 6.10	59.86 -9.34 0.52	69.61 -9.95 0.00	64.05 -8.65 0.00	62.78 -8.24 0.00	59.08 -7.53 0.00	56.41 -6.97 0.00	62.07 -5.99 0.00	59.19 -2.66 0.00
MOHAWK_PAPER___DRP 24187	53.55 2.40 0.00	49.99 2.20 0.00	46.89 2.06 0.00	44.48 1.96 0.00	44.80 1.93 0.00	45.26 1.99 0.00	48.38 2.08 0.00	52.84 1.89 0.00	52.71 1.83 0.00	51.11 1.82 0.00	50.02 1.78 0.00	48.28 1.68 0.00	47.92 1.80 0.00	47.74 1.84 0.00	55.55 2.14 0.00	60.29 2.21 0.00	72.23 2.51 0.00	82.10 2.55 0.00	75.18 2.47 0.00	73.50 2.49 0.00	68.94 2.33 0.00	65.60 2.22 0.00	70.38 2.31 0.00	63.77 1.92 0.00
MOHICAN___35_KV_115KV_LD 80490	53.75 2.61 0.00	50.18 2.39 0.00	47.20 2.38 0.00	44.73 2.21 0.00	45.05 2.19 0.00	45.61 2.34 0.00	48.52 2.22 0.00	53.35 2.39 0.00	53.32 2.44 0.00	51.60 2.32 0.00	50.41 2.17 0.00	48.61 2.00 0.00	48.20 2.08 0.00	48.02 2.11 0.00	55.92 2.51 0.00	60.99 2.90 0.00	73.28 3.56 0.00	83.61 4.06 0.00	76.56 3.85 0.00	74.78 3.76 0.00	70.01 3.40 0.00	66.55 3.17 0.00	71.47 3.40 0.00	64.82 2.97 0.00
MONGAUP___HYD 23641	53.75 2.61 0.00	50.18 2.39 0.00	46.98 2.15 0.00	44.65 2.13 0.00	44.97 2.10 0.00	45.39 2.12 0.00	48.47 2.18 0.00	53.40 2.45 0.00	53.22 2.34 0.00	51.35 2.07 0.00	50.07 1.83 0.00	48.38 1.77 0.00	48.01 1.89 0.00	47.83 1.93 0.00	55.87 2.46 0.00	60.81 2.73 0.00	73.07 3.35 0.00	83.53 3.98 0.00	76.34 3.63 0.00	74.57 3.55 0.00	69.81 3.20 0.00	66.36 2.98 0.00	70.79 2.73 0.00	63.89 2.04 0.00
MONTAUK___DIESEL 23721	57.80 6.65 0.00	54.00 6.21 0.00	50.39 5.56 0.00	47.50 4.98 0.00	48.05 5.19 0.00	48.46 5.19 0.00	52.13 5.83 0.00	57.53 6.57 0.00	57.13 6.26 0.00	55.05 5.77 0.00	53.93 5.69 0.00	52.01 5.41 0.00	51.61 5.49 0.00	51.51 5.60 0.00	60.00 6.57 -0.02	69.51 7.09 -4.34	110.94 8.85 -32.37	122.69 10.26 -32.87	121.78 9.52 -39.55	118.28 9.37 -37.89	108.55 8.46 -33.48	93.54 8.18 -21.98	76.50 8.44 0.00	69.27 7.42 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	46.13 -5.01 0.00	43.39 -4.40 0.00	39.45 -5.38 0.00	37.42 -5.10 0.00	37.72 -5.14 0.00	37.34 -5.93 0.00	39.86 -6.44 0.00	44.23 -6.73 0.00	43.74 -6.66 0.47	43.08 -6.21 0.00	42.31 -5.93 0.00	41.29 -5.31 0.00	39.57 -5.77 0.78	39.16 -5.92 0.82	43.12 -7.74 2.55	44.14 -8.48 5.46	62.49 -6.76 0.47	73.19 -6.36 0.00	67.33 -5.38 0.00	66.12 -4.90 0.00	62.28 -4.33 0.00	59.26 -4.12 0.00	65.14 -2.93 0.00	60.49 -1.36 0.00

MORRIS_RIDGE___SOLAR 323848	46.75 -4.40 0.00	43.96 -3.82 0.00	41.20 -3.63 0.00	39.04 -3.49 0.00	39.48 -3.39 0.00	39.42 -3.85 0.00	41.99 -4.30 0.00	46.52 -4.43 0.00	43.01 -4.53 3.34	44.85 -4.44 0.00	43.90 -4.34 0.00	42.50 -4.10 0.00	36.30 -4.24 5.58	35.77 -4.27 5.87	29.88 -5.34 18.19	13.20 -5.86 39.01	60.18 -6.21 3.34	73.11 -6.44 0.00	67.18 -5.53 0.00	65.90 -5.11 0.00	62.01 -4.60 0.00	59.07 -4.31 0.00	64.45 -3.61 0.00	60.19 -1.67 0.00
MORTIMER_115KV_TB3 55949	47.87 -3.27 0.00	44.92 -2.87 0.00	42.09 -2.73 0.00	39.89 -2.64 0.00	40.30 -2.57 0.00	40.50 -2.77 0.00	43.15 -3.15 0.00	47.80 -3.16 0.00	47.72 -3.15 0.00	46.48 -2.81 0.00	45.49 -2.75 0.00	44.23 -2.38 0.00	43.31 -2.81 0.00	43.15 -2.75 0.00	50.05 -3.36 0.00	54.48 -3.60 0.00	65.68 -4.04 0.00	75.58 -3.98 0.00	69.36 -3.34 0.00	67.68 -3.34 0.00	63.68 -2.93 0.00	60.53 -2.85 0.00	65.61 -2.45 0.00	60.37 -1.48 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	54.11 2.97 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.90 2.38 0.00	45.27 2.40 0.00	45.74 2.47 0.00	48.98 2.69 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.04 2.80 0.00	49.31 2.70 0.00	48.98 2.86 0.00	48.80 2.89 0.00	56.77 3.36 0.00	61.62 3.54 0.00	73.55 3.83 0.00	83.69 4.14 0.00	76.56 3.85 0.00	74.99 3.98 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.26 3.20 0.00	64.45 2.60 0.00
MUNSVILLE_WIND_PWR 323609	52.83 1.69 0.00	49.84 2.05 0.00	46.94 2.11 0.00	44.31 1.79 0.00	44.50 1.63 0.00	44.87 1.60 0.00	47.91 1.62 0.00	53.25 2.30 0.00	53.13 2.14 -0.12	51.26 1.97 0.00	50.12 1.88 0.00	48.28 1.68 0.00	48.03 1.71 -0.20	47.82 1.70 -0.21	56.10 2.03 -0.66	62.05 2.55 -1.42	74.09 4.25 -0.12	84.72 5.17 0.00	77.51 4.80 0.00	75.70 4.69 0.00	71.14 4.53 0.00	67.05 3.67 0.00	71.80 3.74 0.00	65.81 3.96 0.00
N SALMON___HYD 24042	51.71 0.56 0.00	48.17 0.38 0.00	45.19 0.36 0.00	42.86 0.34 0.00	43.13 0.26 0.00	43.53 0.26 0.00	46.76 0.46 0.00	51.36 0.41 0.00	51.39 0.51 0.00	49.88 0.59 0.00	48.72 0.48 0.00	47.02 0.42 0.00	46.53 0.41 0.00	46.32 0.41 0.00	54.16 0.75 0.00	58.78 0.70 0.00	70.98 1.26 0.00	81.14 1.59 0.00	74.09 1.38 0.00	72.30 1.28 0.00	68.07 1.46 0.00	64.58 1.20 0.00	69.29 1.23 0.00	63.15 1.30 0.00
N.AKRON___115KV_KNAPP 355671	46.75 -4.40 0.00	43.92 -3.87 0.00	41.20 -3.63 0.00	39.04 -3.49 0.00	39.48 -3.39 0.00	39.38 -3.89 0.00	41.67 -4.63 0.00	46.27 -4.69 0.00	45.81 -4.63 0.44	44.65 -4.63 0.00	43.66 -4.58 0.00	42.64 -3.96 0.00	41.24 -4.15 0.73	41.01 -4.13 0.77	45.80 -5.23 2.38	47.27 -5.69 5.11	62.59 -6.69 0.44	72.79 -6.76 0.00	66.96 -5.74 0.00	65.48 -5.54 0.00	61.68 -4.93 0.00	58.69 -4.69 0.00	64.39 -3.68 0.00	60.43 -1.42 0.00
N.E_GEN_SANDY PD 24062	73.62 2.56 -19.92	62.44 2.39 -12.26	60.48 2.20 -13.46	57.85 2.13 -13.20	58.81 2.14 -13.80	59.79 2.16 -14.36	65.85 2.31 -17.24	73.48 2.45 -20.08	64.54 2.39 -11.27	65.46 2.32 -13.86	63.28 2.27 -12.77	59.88 2.24 -11.04	57.01 2.26 -8.63	55.12 2.29 -6.92	68.88 2.67 -12.80	79.00 3.14 -18.13	100.67 3.19 -27.81	112.46 3.19 -29.72	102.50 2.98 -26.81	87.74 2.98 -13.74	88.25 2.73 -18.91	78.00 2.60 -12.02	71.36 2.79 -0.50	63.96 2.10 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	53.55 2.40 0.00	49.99 2.20 0.00	46.94 2.11 0.00	44.56 2.04 0.00	44.88 2.01 0.00	45.35 2.08 0.00	48.52 2.22 0.00	53.45 2.50 0.00	53.32 2.44 0.00	51.65 2.37 0.00	50.51 2.27 0.00	48.75 2.14 0.00	48.43 2.31 0.00	48.25 2.34 0.00	56.08 2.67 0.00	60.81 2.73 0.00	72.72 3.00 0.00	82.81 3.26 0.00	75.76 3.05 0.00	74.14 3.12 0.00	69.34 2.73 0.00	66.04 2.66 0.00	70.51 2.45 0.00	63.71 1.86 0.00
N.QUEENS_27_KV_LOAD 356247	54.27 3.12 0.00	50.61 2.82 0.00	47.43 2.60 0.00	44.97 2.47 0.02	45.34 2.49 0.02	45.85 2.60 0.02	49.15 2.87 0.02	54.27 3.31 0.00	54.18 3.31 0.00	52.49 3.20 0.00	51.26 3.04 0.02	49.53 2.94 0.02	49.19 3.09 0.02	49.03 3.12 0.00	56.97 3.58 0.02	61.74 3.66 0.00	73.97 4.25 0.00	84.33 4.77 0.00	77.07 4.36 0.00	75.35 4.33 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.53 3.47 0.00	64.57 2.72 0.00
N.TROY___115KV_TB1 355778	53.50 2.35 0.00	49.94 2.15 0.00	46.89 2.06 0.00	44.48 1.96 0.00	44.80 1.93 0.00	45.26 1.99 0.00	48.33 2.04 0.00	53.10 2.14 0.00	52.96 2.09 0.00	51.31 2.02 0.00	50.22 1.98 0.00	48.47 1.86 0.00	48.06 1.94 0.00	47.88 1.97 0.00	55.71 2.30 0.00	60.58 2.50 0.00	72.58 2.86 0.00	82.66 3.10 0.00	75.62 2.91 0.00	73.93 2.91 0.00	69.27 2.66 0.00	65.91 2.54 0.00	70.72 2.65 0.00	64.08 2.23 0.00
NARROWS_GT1_1 24228	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NARROWS_GT1_2 24229	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NARROWS_GT1_3 24230	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NARROWS_GT1_4 24231	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NARROWS_GT1_5 24232	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01

NARROWS_GT1_6 24233	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NARROWS_GT1_7 24234	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NARROWS_GT1_8 24235	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NARROWS_GT2_1 24236	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NARROWS_GT2_2 24237	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NARROWS_GT2_3 24238	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NARROWS_GT2_4 24239	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NARROWS_GT2_5 24240	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NARROWS_GT2_6 24241	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NARROWS_GT2_7 24242	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NARROWS_GT2_8 24243	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	54.47 3.32 0.00	50.80 3.01 0.00	47.61 2.78 0.00	45.24 2.72 0.00	45.48 2.61 0.00	45.95 2.68 0.00	48.89 2.59 0.00	53.30 2.34 0.00	53.12 2.24 0.00	51.36 2.07 0.00	50.02 1.78 0.00	48.19 1.58 0.00	47.87 1.75 0.00	47.79 1.88 0.00	55.87 2.46 0.00	60.81 2.73 0.00	73.21 3.49 0.00	83.61 4.06 0.00	76.49 3.78 0.00	74.64 3.62 0.00	69.94 3.33 0.00	66.55 3.17 0.00	71.26 3.20 0.00	64.45 2.60 0.00
NCHELSEA_115KV_TR2 355582	54.11 2.97 0.00	50.46 2.68 0.00	47.29 2.47 0.00	44.95 2.42 0.00	45.23 2.36 0.00	45.69 2.42 0.00	48.84 2.55 0.00	53.76 2.80 0.00	53.67 2.80 0.00	51.95 2.66 0.00	50.70 2.46 0.00	48.94 2.33 0.00	48.66 2.54 0.00	48.48 2.57 0.00	56.45 3.04 0.00	61.33 3.25 0.00	73.55 3.83 0.00	83.85 4.30 0.00	76.63 3.93 0.00	74.92 3.91 0.00	70.07 3.46 0.00	66.68 3.30 0.00	71.26 3.20 0.00	64.33 2.47 0.00
NEG CAPITAL___MECHNVIL 23645	53.96 2.81 0.00	50.37 2.58 0.00	47.29 2.46 0.00	44.86 2.34 0.00	45.18 2.31 0.00	45.65 2.38 0.00	48.70 2.41 0.00	53.50 2.55 0.00	53.42 2.54 0.00	51.75 2.46 0.00	50.60 2.36 0.00	48.89 2.28 0.00	48.43 2.31 0.00	48.25 2.34 0.00	56.19 2.78 0.00	61.16 3.08 0.00	73.48 3.76 0.00	83.69 4.13 0.00	76.63 3.92 0.00	74.85 3.83 0.00	70.14 3.53 0.00	66.67 3.29 0.00	71.60 3.54 0.00	64.82 2.97 0.00
NEG CENTRAL_HIGH_ACRES 23767	47.52 -3.63 0.00	44.54 -3.25 0.00	41.78 -3.05 0.00	39.55 -2.98 0.00	40.00 -2.87 0.00	40.24 -3.03 0.00	42.92 -3.38 0.00	47.54 -3.41 0.00	47.52 -3.36 0.00	46.23 -3.06 0.00	45.25 -2.99 0.00	43.76 -2.84 0.00	43.12 -3.00 0.00	42.97 -2.94 0.00	49.83 -3.58 0.00	54.31 -3.77 0.00	65.33 -4.39 0.00	75.10 -4.45 0.00	68.85 -3.86 0.00	67.32 -3.70 0.00	63.22 -3.39 0.00	60.02 -3.36 0.00	64.93 -3.13 0.00	59.69 -2.17 0.00

NEG CENTRAL___DRP 24199	49.71 -1.43 0.00	46.64 -1.15 0.00	43.71 -1.12 0.00	41.46 -1.06 0.00	41.84 -1.03 0.00	42.15 -1.13 0.00	45.09 -1.20 0.00	49.84 -1.12 0.00	50.08 -1.02 -0.22	48.25 -1.03 0.00	47.27 -0.96 0.00	45.77 -0.84 0.00	45.43 -1.06 -0.37	45.24 -1.06 -0.39	53.13 -1.50 -1.22	58.89 -1.80 -2.61	68.27 -1.67 -0.22	78.04 -1.51 0.00	71.54 -1.16 0.00	69.95 -1.07 0.00	65.61 -1.00 0.00	62.24 -1.14 0.00	67.11 -0.95 0.00	61.23 -0.62 0.00
NEG CENTRAL___INDECK 23768	49.31 -1.84 0.00	46.26 -1.53 0.00	43.35 -1.48 0.00	41.03 -1.49 0.00	41.58 -1.28 0.00	41.80 -1.47 0.00	44.58 -1.71 0.00	49.53 -1.43 0.00	51.89 -1.37 -2.39	47.96 -1.33 0.00	46.79 -1.45 0.00	45.16 -1.45 0.00	48.46 -1.66 -4.00	48.46 -1.65 -4.20	64.35 -2.08 -13.02	84.04 -1.97 -27.93	70.64 -1.47 -2.39	78.91 -0.64 0.00	72.56 -0.15 0.00	70.88 -0.14 0.00	66.68 0.07 0.00	63.25 -0.13 0.00	68.54 0.48 0.00	63.28 1.42 0.00
NEG CENTRAL___SENECA 23627	49.51 -1.64 0.00	46.50 -1.29 0.00	43.53 -1.30 0.00	41.29 -1.23 0.00	41.67 -1.20 0.00	41.97 -1.30 0.00	44.86 -1.44 0.00	49.68 -1.27 0.00	50.01 -1.22 -0.36	48.10 -1.18 0.00	47.08 -1.16 0.00	45.63 -0.98 0.00	45.47 -1.25 -0.59	45.25 -1.29 -0.63	53.48 -1.87 -1.94	59.91 -2.32 -4.16	67.91 -2.16 -0.36	77.64 -1.91 0.00	71.25 -1.45 0.00	69.67 -1.35 0.00	65.34 -1.27 0.00	62.05 -1.33 0.00	66.91 -1.16 0.00	61.23 -0.62 0.00
NEG CENTRAL___STATE_STREET 24147	50.17 -0.97 0.00	47.07 -0.72 0.00	44.07 -0.76 0.00	41.84 -0.68 0.00	42.18 -0.69 0.00	42.58 -0.69 0.00	45.55 -0.74 0.00	50.35 -0.61 0.00	50.37 -0.51 0.00	48.79 -0.49 0.00	47.80 -0.43 0.00	46.23 -0.37 0.00	45.61 -0.51 0.00	45.40 -0.50 0.00	52.66 -0.75 0.00	57.27 -0.81 0.00	69.09 -0.63 0.00	79.16 -0.40 0.00	72.49 -0.22 0.00	70.88 -0.14 0.00	66.41 -0.20 0.00	63.00 -0.38 0.00	67.72 -0.34 0.00	61.60 -0.25 0.00
NEG MILLWOOD___DRP 24198	54.37 3.22 0.00	50.70 2.92 0.00	47.52 2.69 0.00	45.12 2.59 0.00	45.44 2.57 0.00	45.91 2.64 0.00	49.12 2.82 0.00	54.12 3.16 0.00	54.03 3.15 0.00	52.39 3.10 0.00	51.18 2.94 0.00	49.36 2.75 0.00	49.07 2.95 0.00	48.84 2.94 0.00	56.83 3.42 0.00	61.74 3.66 0.00	74.04 4.32 0.00	84.41 4.85 0.00	77.14 4.44 0.00	75.35 4.33 0.00	70.47 3.86 0.00	67.12 3.74 0.00	71.81 3.74 0.00	64.82 2.97 0.00
NEG NORTH_FLCN_SEA 23793	51.35 0.20 0.00	47.88 0.10 0.00	44.92 0.09 0.00	42.57 0.04 0.00	42.82 -0.04 0.00	43.18 -0.09 0.00	46.34 0.05 0.00	50.85 -0.10 0.00	50.83 -0.05 0.00	49.29 0.00 0.00	48.19 -0.05 0.00	46.56 -0.05 0.00	46.07 -0.05 0.00	45.86 -0.05 0.00	53.62 0.21 0.00	58.31 0.23 0.00	70.42 0.70 0.00	80.59 1.03 0.00	73.51 0.80 0.00	71.73 0.71 0.00	67.48 0.87 0.00	64.01 0.63 0.00	68.68 0.61 0.00	62.59 0.74 0.00
NEG NORTH_KES_CHATEGAY 23792	50.84 -0.31 0.00	47.41 -0.38 0.00	44.47 -0.36 0.00	42.14 -0.38 0.00	42.44 -0.43 0.00	42.80 -0.48 0.00	45.88 -0.42 0.00	50.40 -0.56 0.00	50.32 -0.56 0.00	48.79 -0.49 0.00	47.71 -0.53 0.00	46.09 -0.51 0.00	45.61 -0.51 0.00	45.40 -0.50 0.00	53.09 -0.32 0.00	57.79 -0.29 0.00	69.72 0.00 0.00	79.71 0.16 0.00	72.78 0.07 0.00	70.95 -0.07 0.00	66.74 0.13 0.00	63.32 -0.06 0.00	68.00 -0.07 0.00	61.91 0.06 0.00
NEG NORTH___ALICE_FALLS 23915	51.56 0.41 0.00	48.03 0.24 0.00	45.05 0.22 0.00	42.69 0.17 0.00	42.95 0.09 0.00	43.36 0.09 0.00	46.57 0.28 0.00	51.11 0.15 0.00	51.08 0.20 0.00	49.53 0.25 0.00	48.43 0.19 0.00	46.75 0.14 0.00	46.30 0.18 0.00	46.09 0.18 0.00	53.89 0.48 0.00	58.55 0.46 0.00	70.77 1.05 0.00	80.99 1.43 0.00	73.94 1.24 0.00	72.15 1.14 0.00	67.88 1.27 0.00	64.33 0.95 0.00	69.02 0.95 0.00	62.90 1.05 0.00
NEG NORTH___LWR_SARANAC 23913	51.56 0.41 0.00	48.03 0.24 0.00	45.05 0.22 0.00	42.69 0.17 0.00	42.95 0.09 0.00	43.36 0.09 0.00	46.57 0.28 0.00	51.11 0.15 0.00	51.08 0.20 0.00	49.53 0.25 0.00	48.43 0.19 0.00	46.75 0.14 0.00	46.30 0.18 0.00	46.09 0.18 0.00	53.89 0.48 0.00	58.55 0.46 0.00	70.77 1.05 0.00	80.99 1.43 0.00	73.94 1.24 0.00	72.15 1.14 0.00	67.88 1.27 0.00	64.33 0.95 0.00	69.02 0.95 0.00	62.90 1.05 0.00
NEG NORTH___PLATTSBURG 23628	51.55 0.41 0.00	48.03 0.24 0.00	45.05 0.23 0.00	42.69 0.17 0.00	42.95 0.09 0.00	43.36 0.09 0.00	46.57 0.28 0.00	51.11 0.15 0.00	51.08 0.20 0.00	49.53 0.25 0.00	48.43 0.19 0.00	46.79 0.19 0.00	46.31 0.19 0.00	46.09 0.18 0.00	53.89 0.48 0.00	58.54 0.46 0.00	70.77 1.05 0.00	80.99 1.43 0.00	73.94 1.23 0.00	72.15 1.13 0.00	67.87 1.26 0.00	64.33 0.95 0.00	69.02 0.95 0.00	62.90 1.05 0.00
NEG WEST_LEA_LOCKPORT 23791	45.72 -5.42 0.00	43.01 -4.78 0.00	40.35 -4.48 0.00	38.27 -4.25 0.00	38.62 -4.24 0.00	38.42 -4.85 0.00	40.65 -5.65 0.00	45.10 -5.86 0.00	44.39 -5.95 0.54	43.37 -5.91 0.00	42.40 -5.84 0.00	41.53 -5.08 0.00	39.97 -5.26 0.90	39.64 -5.33 0.94	43.81 -6.68 2.92	44.48 -7.32 6.29	60.54 -8.65 0.54	70.40 -9.15 0.00	64.78 -7.93 0.00	63.49 -7.53 0.00	59.82 -6.79 0.00	57.04 -6.34 0.00	62.75 -5.31 0.00	59.19 -2.66 0.00
NEG WEST___LANCASTR 23811	46.85 -4.30 0.00	44.06 -3.73 0.00	41.29 -3.54 0.00	39.21 -3.32 0.00	39.57 -3.30 0.00	39.33 -3.94 0.00	41.85 -4.44 0.00	46.32 -4.64 0.00	45.61 -4.73 0.53	44.75 -4.53 0.00	43.90 -4.34 0.00	42.83 -3.78 0.00	41.03 -4.20 0.89	40.61 -4.36 0.94	44.15 -6.36 2.90	44.35 -7.49 6.24	62.56 -6.62 0.53	72.87 -6.68 0.00	66.96 -5.74 0.00	65.69 -5.33 0.00	61.75 -4.86 0.00	58.82 -4.56 0.00	64.46 -3.61 0.00	60.37 -1.48 0.00
NEG_PENN_ALLEGHNY 23528	50.23 -0.92 0.00	47.12 -0.67 0.00	44.16 -0.67 0.00	41.89 -0.64 0.00	42.27 -0.60 0.00	42.54 -0.74 0.00	45.46 -0.83 0.00	50.29 -0.66 0.00	50.21 -0.66 0.00	48.64 -0.64 0.00	47.66 -0.58 0.00	46.09 -0.51 0.00	45.52 -0.60 0.00	45.31 -0.60 0.00	52.45 -0.96 0.00	57.04 -1.04 0.00	68.89 -0.83 0.00	78.91 -0.64 0.00	72.27 -0.43 0.00	70.73 -0.28 0.00	66.34 -0.27 0.00	63.00 -0.38 0.00	67.79 -0.27 0.00	61.98 0.12 0.00
NEG___GEN_MONROE 24207	47.62 -3.53 0.00	44.68 -3.11 0.00	41.87 -2.96 0.00	39.72 -2.81 0.00	40.12 -2.74 0.00	40.24 -3.03 0.00	42.82 -3.47 0.00	47.44 -3.52 0.00	47.37 -3.51 0.00	46.03 -3.25 0.00	45.05 -3.18 0.00	43.86 -2.75 0.00	42.94 -3.18 0.00	42.74 -3.17 0.00	49.51 -3.90 0.00	53.90 -4.18 0.00	65.05 -4.67 0.00	74.86 -4.69 0.00	68.78 -3.93 0.00	67.18 -3.83 0.00	63.21 -3.40 0.00	60.08 -3.30 0.00	65.27 -2.79 0.00	60.37 -1.48 0.00
NEPA___ENERGY 23901	46.54 -4.60 0.00	43.77 -4.01 0.00	40.84 -3.99 0.00	38.82 -3.70 0.00	39.14 -3.73 0.00	38.99 -4.28 0.00	41.53 -4.77 0.00	46.07 -4.89 0.00	45.38 -4.94 0.56	44.55 -4.73 0.00	43.75 -4.49 0.00	42.64 -3.96 0.00	40.80 -4.38 0.94	40.33 -4.59 0.99	44.26 -6.09 3.06	44.72 -6.80 6.57	62.67 -6.48 0.56	73.03 -6.52 0.00	67.18 -5.53 0.00	65.83 -5.18 0.00	61.88 -4.73 0.00	58.94 -4.44 0.00	64.39 -3.68 0.00	60.00 -1.86 0.00

NEVERSINK___HYD 23608	54.11 2.97 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.99 2.47 0.00	45.22 2.36 0.00	45.69 2.42 0.00	48.79 2.50 0.00	53.71 2.75 0.00	53.62 2.75 0.00	51.85 2.56 0.00	50.55 2.32 0.00	48.84 2.24 0.00	48.47 2.35 0.00	48.29 2.39 0.00	56.29 2.88 0.00	61.22 3.13 0.00	73.69 3.97 0.00	84.25 4.69 0.00	77.00 4.29 0.00	75.21 4.19 0.00	70.34 3.73 0.00	66.86 3.48 0.00	71.40 3.33 0.00	64.45 2.60 0.00
NEWKRMKL_115KV_TB1 55635	53.40 2.25 0.00	49.89 2.10 0.00	46.80 1.97 0.00	44.39 1.87 0.00	44.71 1.84 0.00	45.18 1.90 0.00	48.24 1.94 0.00	52.49 1.53 0.00	52.30 1.42 0.00	50.76 1.48 0.00	49.69 1.45 0.00	47.96 1.35 0.00	47.55 1.43 0.00	47.42 1.51 0.00	55.12 1.71 0.00	59.82 1.74 0.00	71.53 1.81 0.00	81.22 1.67 0.00	74.38 1.67 0.00	72.72 1.70 0.00	68.28 1.67 0.00	65.09 1.71 0.00	69.76 1.70 0.00	63.27 1.42 0.00
NEWTON___FALLS_HYD 23847	51.35 0.20 0.00	47.98 0.19 0.00	45.10 0.27 0.00	42.65 0.13 0.00	42.91 0.04 0.00	43.18 -0.09 0.00	46.25 -0.05 0.00	50.96 0.00 0.00	50.88 0.00 0.00	49.43 0.15 0.00	48.43 0.19 0.00	46.84 0.23 0.00	46.35 0.23 0.00	46.14 0.23 0.00	53.73 0.32 0.00	58.43 0.35 0.00	70.28 0.56 0.00	80.27 0.72 0.00	73.29 0.58 0.00	71.44 0.43 0.00	67.34 0.73 0.00	64.08 0.70 0.00	69.02 0.95 0.00	63.15 1.30 0.00
NGRID_A1_DSASP 323792	44.50 -6.65 0.00	41.91 -5.88 0.00	39.27 -5.56 0.00	37.21 -5.32 0.00	37.55 -5.32 0.00	37.34 -5.93 0.00	39.63 -6.67 0.00	43.98 -6.98 0.00	43.87 -6.46 0.54	42.48 -6.80 0.00	41.53 -6.71 0.00	40.73 -5.87 0.00	39.45 -5.77 0.91	39.17 -5.78 0.95	43.19 -7.26 2.95	43.85 -7.90 6.33	60.18 -8.99 0.54	68.81 -10.74 0.00	63.26 -9.45 0.00	62.00 -9.02 0.00	58.42 -8.19 0.00	55.84 -7.54 0.00	61.39 -6.67 0.00	57.58 -4.27 0.00
NGRID_A2_DSASP 323793	44.50 -6.65 0.00	41.91 -5.88 0.00	39.27 -5.56 0.00	37.21 -5.32 0.00	37.55 -5.32 0.00	37.34 -5.93 0.00	39.63 -6.67 0.00	43.98 -6.98 0.00	43.87 -6.46 0.54	42.48 -6.80 0.00	41.53 -6.71 0.00	40.73 -5.87 0.00	39.45 -5.77 0.91	39.17 -5.78 0.95	43.19 -7.26 2.95	43.85 -7.90 6.33	60.18 -8.99 0.54	68.81 -10.74 0.00	63.26 -9.45 0.00	62.00 -9.02 0.00	58.42 -8.19 0.00	55.84 -7.54 0.00	61.39 -6.67 0.00	57.58 -4.27 0.00
NGRID_A4_DSASP 323807	44.50 -6.65 0.00	41.91 -5.88 0.00	39.27 -5.56 0.00	37.21 -5.32 0.00	37.55 -5.32 0.00	37.34 -5.93 0.00	39.63 -6.67 0.00	43.98 -6.98 0.00	43.87 -6.46 0.54	42.48 -6.80 0.00	41.53 -6.71 0.00	40.73 -5.87 0.00	39.45 -5.77 0.91	39.17 -5.78 0.95	43.19 -7.26 2.95	43.85 -7.90 6.33	60.18 -8.99 0.54	68.81 -10.74 0.00	63.26 -9.45 0.00	62.00 -9.02 0.00	58.42 -8.19 0.00	55.84 -7.54 0.00	61.39 -6.67 0.00	57.58 -4.27 0.00
NIAGARA_115E_LBMP 323715	45.31 -5.83 0.00	42.68 -5.11 0.00	40.08 -4.75 0.00	37.89 -4.63 0.00	38.37 -4.50 0.00	38.12 -5.15 0.00	40.14 -6.16 0.00	44.53 -6.42 0.00	43.73 -6.61 0.54	42.63 -6.65 0.00	41.63 -6.61 0.00	40.45 -6.15 0.00	39.61 -5.63 0.89	39.28 -5.69 0.93	43.47 -7.05 2.89	44.12 -7.72 6.24	59.36 -9.83 0.54	69.05 -10.50 0.00	63.54 -9.16 0.00	62.35 -8.67 0.00	58.68 -7.93 0.00	56.03 -7.35 0.00	61.74 -6.33 0.00	58.95 -2.91 0.00
NIAGARA_115W_LBMP 323714	44.39 -6.75 0.00	41.81 -5.98 0.00	39.18 -5.65 0.00	37.04 -5.49 0.00	37.51 -5.36 0.00	37.30 -5.97 0.00	39.58 -6.71 0.00	43.92 -7.03 0.00	43.88 -6.46 0.54	42.39 -6.90 0.00	41.39 -6.85 0.00	40.27 -6.34 0.00	39.45 -5.77 0.90	39.17 -5.79 0.95	43.26 -7.21 2.94	43.94 -7.84 6.30	60.19 -8.99 0.54	68.66 -10.90 0.00	63.11 -9.60 0.00	61.93 -9.09 0.00	58.28 -8.33 0.00	55.71 -7.67 0.00	61.26 -6.81 0.00	57.71 -4.14 0.00
NIAGARA_230_LBMP 323716	45.27 -5.88 0.00	42.63 -5.16 0.00	39.94 -4.89 0.00	37.80 -4.72 0.00	38.24 -4.63 0.00	38.08 -5.19 0.00	40.37 -5.93 0.00	44.79 -6.17 0.00	44.00 -6.36 0.52	43.22 -6.06 0.00	42.26 -5.98 0.00	41.06 -5.55 0.00	39.58 -5.67 0.87	39.30 -5.69 0.91	43.49 -7.10 2.82	44.32 -7.72 6.04	60.28 -8.92 0.52	70.00 -9.55 0.00	64.35 -8.36 0.00	63.13 -7.89 0.00	59.41 -7.20 0.00	56.73 -6.65 0.00	62.35 -5.72 0.00	58.63 -3.22 0.00
NIAGARA___115KV_198_GIBSON 55903	44.39 -6.75 0.00	41.82 -5.97 0.00	39.18 -5.65 0.00	37.12 -5.40 0.00	37.47 -5.40 0.00	37.30 -5.97 0.00	39.58 -6.71 0.00	43.87 -7.08 0.00	43.83 -6.51 0.54	42.39 -6.90 0.00	41.44 -6.80 0.00	40.64 -5.97 0.00	39.45 -5.77 0.90	39.13 -5.83 0.95	43.21 -7.26 2.94	43.88 -7.90 6.30	60.19 -8.99 0.54	68.65 -10.90 0.00	63.11 -9.60 0.00	61.86 -9.16 0.00	58.28 -8.33 0.00	55.71 -7.67 0.00	61.26 -6.81 0.00	57.40 -4.45 0.00
NIAGARA___ 23760	45.27 -5.88 0.00	42.63 -5.16 0.00	39.94 -4.89 0.00	37.80 -4.72 0.00	38.24 -4.63 0.00	38.08 -5.19 0.00	40.37 -5.93 0.00	44.79 -6.17 0.00	44.00 -6.36 0.52	43.22 -6.06 0.00	42.26 -5.98 0.00	41.06 -5.55 0.00	39.58 -5.67 0.87	39.30 -5.69 0.91	43.49 -7.10 2.82	44.32 -7.72 6.04	60.27 -8.92 0.52	70.00 -9.55 0.00	64.35 -8.36 0.00	63.13 -7.89 0.00	59.41 -7.20 0.00	56.73 -6.65 0.00	62.35 -5.72 0.00	58.63 -3.22 0.00
NINE_MILE_1 23575	48.90 -2.25 0.00	45.74 -2.05 0.00	42.90 -1.93 0.00	40.70 -1.83 0.00	41.07 -1.80 0.00	41.41 -1.86 0.00	44.31 -1.99 0.00	48.82 -2.14 0.00	48.84 -2.04 0.00	47.26 -2.02 0.00	46.26 -1.98 0.00	44.74 -1.87 0.00	44.23 -1.89 0.00	44.02 -1.88 0.00	51.11 -2.30 0.00	55.59 -2.50 0.00	66.79 -2.93 0.00	76.29 -3.27 0.00	69.80 -2.91 0.00	68.17 -2.84 0.00	63.94 -2.67 0.00	60.84 -2.54 0.00	65.41 -2.66 0.00	59.56 -2.29 0.00
NINE_MILE_2 23744	48.90 -2.25 0.00	45.78 -2.01 0.00	42.90 -1.93 0.00	40.70 -1.83 0.00	41.07 -1.80 0.00	41.41 -1.86 0.00	44.31 -1.99 0.00	48.82 -2.14 0.00	48.84 -2.04 0.00	47.26 -2.02 0.00	46.26 -1.98 0.00	44.74 -1.87 0.00	44.23 -1.89 0.00	44.07 -1.84 0.00	51.11 -2.30 0.00	55.59 -2.50 0.00	66.79 -2.93 0.00	76.29 -3.27 0.00	69.80 -2.91 0.00	68.17 -2.84 0.00	63.94 -2.67 0.00	60.84 -2.54 0.00	65.41 -2.66 0.00	59.56 -2.29 0.00
NM_CAPITAL___DRP 24208	53.40 2.25 0.00	49.84 2.05 0.00	46.76 1.93 0.00	44.35 1.83 0.00	44.71 1.84 0.00	45.13 1.86 0.00	48.24 1.94 0.00	52.59 1.63 0.00	52.45 1.58 0.00	50.86 1.58 0.00	49.78 1.54 0.00	48.05 1.44 0.00	47.64 1.52 0.00	47.51 1.61 0.00	55.23 1.82 0.00	59.94 1.86 0.00	71.74 2.02 0.00	81.46 1.91 0.00	74.53 1.82 0.00	72.93 1.92 0.00	68.41 1.80 0.00	65.15 1.77 0.00	69.97 1.91 0.00	63.40 1.55 0.00
NM_CENTRAL___DRP 24181	49.77 -1.38 0.00	46.64 -1.15 0.00	43.71 -1.12 0.00	41.46 -1.06 0.00	41.84 -1.03 0.00	42.19 -1.08 0.00	45.14 -1.16 0.00	49.78 -1.17 0.00	49.81 -1.07 0.00	48.20 -1.08 0.00	47.23 -1.01 0.00	45.72 -0.89 0.00	45.15 -0.97 0.00	44.94 -0.96 0.00	52.07 -1.34 0.00	56.63 -1.45 0.00	68.12 -1.60 0.00	77.88 -1.67 0.00	71.25 -1.45 0.00	69.67 -1.35 0.00	65.34 -1.27 0.00	62.11 -1.27 0.00	66.77 -1.29 0.00	60.74 -1.11 0.00

NM_FRONTIER___DRP 24179	44.39 -6.75 0.00	41.82 -5.97 0.00	39.18 -5.65 0.00	37.12 -5.40 0.00	37.47 -5.40 0.00	37.30 -5.97 0.00	39.58 -6.71 0.00	43.87 -7.08 0.00	43.83 -6.51 0.54	42.39 -6.90 0.00	41.44 -6.80 0.00	40.64 -5.97 0.00	39.45 -5.77 0.90	39.13 -5.83 0.95	43.21 -7.26 2.94	43.88 -7.90 6.30	60.19 -8.99 0.54	68.65 -10.90 0.00	63.11 -9.60 0.00	61.86 -9.16 0.00	58.28 -8.33 0.00	55.71 -7.67 0.00	61.26 -6.81 0.00	57.40 -4.45 0.00
NM_ST_REGIS___HYD 24053	51.86 0.72 0.00	48.31 0.53 0.00	45.37 0.54 0.00	42.99 0.47 0.00	43.25 0.39 0.00	43.66 0.39 0.00	46.85 0.56 0.00	51.47 0.51 0.00	51.44 0.56 0.00	49.93 0.64 0.00	48.77 0.53 0.00	47.12 0.51 0.00	46.58 0.46 0.00	46.37 0.46 0.00	54.16 0.75 0.00	58.84 0.76 0.00	70.77 1.05 0.00	80.91 1.35 0.00	73.80 1.09 0.00	72.01 0.99 0.00	67.94 1.33 0.00	64.52 1.14 0.00	69.36 1.29 0.00	63.27 1.42 0.00
NORTHPORT___1 23551	55.50 4.34 -0.01	51.76 3.96 -0.01	48.46 3.63 0.00	45.75 3.23 0.00	46.30 3.43 0.00	46.73 3.46 0.00	50.19 3.89 -0.01	55.40 4.43 -0.01	55.15 4.27 0.00	53.23 3.94 0.00	52.11 3.86 -0.01	50.39 3.77 -0.01	49.95 3.83 -0.01	49.77 3.86 -0.01	57.91 4.49 -0.02	67.19 4.76 -4.34	107.46 5.37 -32.37	118.07 5.65 -32.87	117.42 5.16 -39.55	114.16 5.26 -37.89	104.89 4.80 -33.48	90.05 4.69 -21.98	73.24 5.17 -0.01	66.19 4.33 -0.01
NORTHPORT___2 23552	55.50 4.34 -0.01	51.76 3.96 -0.01	48.46 3.63 0.00	45.75 3.23 0.00	46.30 3.43 0.00	46.73 3.46 0.00	50.19 3.89 -0.01	55.40 4.43 -0.01	55.15 4.27 0.00	53.23 3.94 0.00	52.11 3.86 -0.01	50.39 3.77 -0.01	49.95 3.83 -0.01	49.77 3.86 -0.01	57.91 4.49 -0.02	67.19 4.76 -4.34	107.46 5.37 -32.37	118.07 5.65 -32.87	117.42 5.16 -39.55	114.16 5.26 -37.89	104.89 4.80 -33.48	90.05 4.69 -21.98	73.24 5.17 -0.01	66.19 4.33 -0.01
NORTHPORT___3 23553	55.40 4.24 -0.01	51.72 3.92 -0.01	48.37 3.54 0.00	45.71 3.19 0.00	46.25 3.39 0.00	46.65 3.38 0.00	50.14 3.84 -0.01	55.29 4.33 -0.01	55.05 4.17 0.00	53.18 3.89 0.00	52.06 3.81 -0.01	50.34 3.73 -0.01	49.91 3.78 -0.01	49.72 3.81 -0.01	57.86 4.43 -0.02	67.07 4.65 -4.34	107.32 5.23 -32.37	117.91 5.48 -32.87	117.34 5.09 -39.55	114.02 5.12 -37.89	104.82 4.73 -33.48	89.99 4.62 -21.98	73.11 5.04 -0.01	66.12 4.26 -0.01
NORTHPORT___4 23650	55.40 4.24 -0.01	51.72 3.92 -0.01	48.37 3.54 0.00	45.71 3.19 0.00	46.25 3.39 0.00	46.65 3.38 0.00	50.14 3.84 -0.01	55.29 4.33 -0.01	55.05 4.17 0.00	53.18 3.89 0.00	52.06 3.81 -0.01	50.34 3.73 -0.01	49.91 3.78 -0.01	49.72 3.81 -0.01	57.86 4.43 -0.02	67.07 4.65 -4.34	107.32 5.23 -32.37	117.91 5.48 -32.87	117.34 5.09 -39.55	114.02 5.12 -37.89	104.82 4.73 -33.48	89.99 4.62 -21.98	73.11 5.04 -0.01	66.12 4.26 -0.01
NORTHPORT___IC 23718	55.49 4.35 0.00	51.76 3.97 0.00	48.46 3.63 0.00	45.75 3.23 0.00	46.25 3.39 0.00	46.73 3.46 0.00	50.18 3.89 0.00	55.39 4.43 0.00	55.15 4.27 0.00	53.23 3.94 0.00	52.10 3.86 0.00	50.33 3.73 0.00	49.95 3.83 0.00	49.81 3.90 0.00	57.91 4.49 -0.02	67.18 4.76 -4.34	107.45 5.37 -32.37	118.07 5.65 -32.87	117.42 5.16 -39.55	114.16 5.26 -37.89	104.88 4.80 -33.48	90.05 4.69 -21.98	73.24 5.17 0.00	66.06 4.21 0.00
NORTH___COUNTRY_ESR 323785	50.68 -0.46 0.00	47.26 -0.52 0.00	44.34 -0.49 0.00	42.01 -0.51 0.00	42.31 -0.56 0.00	42.67 -0.61 0.00	45.74 -0.55 0.00	50.24 -0.71 0.00	50.16 -0.71 0.00	48.64 -0.64 0.00	47.56 -0.68 0.00	45.95 -0.65 0.00	45.47 -0.65 0.00	45.26 -0.64 0.00	52.93 -0.48 0.00	57.62 -0.47 0.00	69.44 -0.28 0.00	79.47 -0.08 0.00	72.49 -0.22 0.00	70.73 -0.28 0.00	66.48 -0.13 0.00	63.06 -0.32 0.00	67.79 -0.27 0.00	61.73 -0.12 0.00
NPX_GEN_1385_PROXY 323591	56.27 5.11 -0.01	52.29 4.49 -0.01	48.95 4.12 0.00	46.22 3.70 0.00	46.94 4.07 0.00	47.47 4.20 0.00	51.07 4.77 -0.01	56.36 5.40 -0.01	55.91 5.04 0.00	53.77 4.48 0.00	52.64 4.39 -0.01	50.90 4.28 -0.01	50.46 4.33 -0.01	50.23 4.31 -0.01	58.50 5.08 -0.02	68.12 5.70 -4.34	107.59 5.51 -32.37	118.23 5.80 -32.87	117.20 4.95 -39.55	112.88 3.97 -37.89	104.08 4.00 -33.48	89.48 4.12 -21.98	73.99 5.92 -0.01	66.99 5.13 -0.01
NPX_GEN_CSC 323557	56.42 5.27 -0.01	52.62 4.82 -0.01	49.18 4.35 0.00	46.39 3.87 0.00	46.94 4.07 0.00	47.34 4.07 0.00	50.89 4.58 -0.01	56.17 5.20 -0.01	55.87 4.99 0.00	53.87 4.58 0.00	52.78 4.53 -0.01	50.99 4.38 -0.01	50.56 4.43 -0.01	50.42 4.50 -0.01	58.71 5.29 -0.02	68.12 5.70 -4.34	108.92 6.84 -32.37	120.14 7.71 -32.87	119.38 7.13 -39.55	116.00 7.10 -37.89	106.48 6.40 -33.48	91.58 6.21 -21.98	74.61 6.53 -0.01	67.49 5.63 -0.01
NSINS_S_GLNS_FALLS 23858	53.65 2.51 0.00	50.08 2.29 0.00	47.12 2.29 0.00	44.65 2.13 0.00	44.93 2.06 0.00	45.48 2.21 0.00	48.42 2.13 0.00	53.25 2.29 0.00	53.17 2.29 0.00	51.50 2.22 0.00	50.26 2.03 0.00	48.52 1.91 0.00	48.06 1.94 0.00	47.88 1.97 0.00	55.76 2.35 0.00	60.81 2.73 0.00	73.07 3.35 0.00	83.37 3.82 0.00	76.34 3.64 0.00	74.57 3.55 0.00	69.81 3.20 0.00	66.42 3.04 0.00	71.26 3.20 0.00	64.64 2.78 0.00
NUCOR_STEEL___DRP 24197	50.23 -0.92 0.00	47.12 -0.67 0.00	44.16 -0.67 0.00	41.89 -0.64 0.00	42.27 -0.60 0.00	42.62 -0.65 0.00	45.60 -0.69 0.00	50.40 -0.56 0.00	50.37 -0.51 0.00	48.79 -0.49 0.00	47.80 -0.43 0.00	46.23 -0.37 0.00	45.61 -0.51 0.00	45.40 -0.50 0.00	52.66 -0.75 0.00	57.33 -0.76 0.00	69.09 -0.63 0.00	79.08 -0.48 0.00	72.42 -0.29 0.00	70.80 -0.21 0.00	66.41 -0.20 0.00	63.00 -0.38 0.00	67.79 -0.27 0.00	61.73 -0.12 0.00
NUMBER_THREE_WT_PWR 323818	51.25 0.10 0.00	47.98 0.19 0.00	45.10 0.27 0.00	42.65 0.13 0.00	42.87 0.00 0.00	43.23 -0.04 0.00	46.25 -0.05 0.00	51.11 0.15 0.00	51.03 0.15 0.00	49.53 0.25 0.00	48.58 0.34 0.00	46.89 0.28 0.00	46.45 0.33 0.00	46.27 0.37 0.00	53.79 0.38 0.00	58.54 0.46 0.00	70.62 0.90 0.00	80.75 1.20 0.00	73.65 0.94 0.00	71.87 0.86 0.00	67.54 0.93 0.00	64.33 0.95 0.00	69.09 1.02 0.00	63.58 1.73 0.00
NYISO_LBMP_REFERENCE 24008	51.15 0.00 0.00	47.79 0.00 0.00	44.83 0.00 0.00	42.52 0.00 0.00	42.87 0.00 0.00	43.27 0.00 0.00	46.30 0.00 0.00	50.96 0.00 0.00	50.88 0.00 0.00	49.29 0.00 0.00	48.24 0.00 0.00	46.61 0.00 0.00	46.12 0.00 0.00	45.91 0.00 0.00	53.41 0.00 0.00	58.08 0.00 0.00	69.72 0.00 0.00	79.55 0.00 0.00	72.71 0.00 0.00	71.02 0.00 0.00	66.61 0.00 0.00	63.38 0.00 0.00	68.06 0.00 0.00	61.85 0.00 0.00
NYPA_BRENTWD____GT 24164	56.11 4.96 -0.01	52.34 4.54 -0.01	48.95 4.12 0.00	46.18 3.66 0.00	46.73 3.86 0.00	47.12 3.85 0.00	50.65 4.35 -0.01	55.91 4.94 -0.01	55.61 4.73 0.00	53.72 4.44 0.00	52.59 4.34 -0.01	50.85 4.24 -0.01	50.42 4.29 -0.01	50.28 4.36 -0.01	58.50 5.08 -0.02	67.82 5.40 -4.34	108.43 6.34 -32.37	119.43 7.00 -32.87	118.65 6.40 -39.55	115.37 6.46 -37.89	105.95 5.86 -33.48	91.00 5.64 -21.98	74.13 6.06 -0.01	67.06 5.20 -0.01

NYPA_GOWANUS____GT5 24156	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NYPA_GOWANUS____GT6 24157	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.55 3.25 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.19 4.47 -0.01	84.50 4.93 -0.01	77.30 4.58 -0.01	75.64 4.61 -0.01	70.82 4.20 -0.01	67.38 4.00 -0.01	72.02 3.95 -0.01	65.01 3.15 -0.01
NYPA_HARLEM__RVR_GT1 24160	54.22 3.07 -0.01	50.57 2.77 -0.01	47.39 2.55 -0.01	44.98 2.47 0.01	45.34 2.49 0.01	45.82 2.55 0.01	49.11 2.82 0.01	54.18 3.21 -0.01	54.09 3.21 -0.01	52.40 3.11 -0.01	51.22 2.99 0.01	49.54 2.94 0.01	49.11 3.00 0.01	48.94 3.03 -0.01	56.93 3.52 0.01	61.69 3.60 -0.01	73.91 4.18 -0.01	84.17 4.61 -0.01	77.00 4.29 -0.01	75.21 4.19 -0.01	70.21 3.59 -0.01	66.87 3.48 -0.01	71.47 3.40 -0.01	64.40 2.54 -0.01
NYPA_HARLEM__RVR_GT2 24161	54.22 3.07 -0.01	50.57 2.77 -0.01	47.39 2.55 -0.01	44.98 2.47 0.01	45.34 2.49 0.01	45.82 2.55 0.01	49.11 2.82 0.01	54.18 3.21 -0.01	54.09 3.21 -0.01	52.40 3.11 -0.01	51.22 2.99 0.01	49.54 2.94 0.01	49.11 3.00 0.01	48.94 3.03 -0.01	56.93 3.52 0.01	61.69 3.60 -0.01	73.91 4.18 -0.01	84.17 4.61 -0.01	77.00 4.29 -0.01	75.21 4.19 -0.01	70.21 3.59 -0.01	66.87 3.48 -0.01	71.47 3.40 -0.01	64.40 2.54 -0.01
NYPA_KENT____GT 24152	54.53 3.37 -0.01	50.86 3.06 -0.01	47.66 2.83 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.31 3.01 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.60 3.30 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.13 3.21 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.12 4.40 -0.01	84.41 4.85 -0.01	77.15 4.44 -0.01	75.57 4.55 -0.01	70.68 4.06 -0.01	67.32 3.93 -0.01	71.88 3.81 -0.01	64.89 3.03 -0.01
NYPA_POUCH1____GT 24155	54.68 3.53 -0.01	51.00 3.20 -0.01	47.84 3.00 -0.01	45.38 2.85 -0.01	45.75 2.87 -0.01	46.18 2.90 -0.01	49.45 3.15 -0.01	54.53 3.57 -0.01	54.35 3.46 -0.01	52.60 3.30 -0.01	51.38 3.13 -0.01	49.64 3.03 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	74.26 4.53 -0.01	84.66 5.10 -0.01	77.51 4.80 -0.01	75.86 4.83 -0.01	70.95 4.33 -0.01	67.51 4.12 -0.01	72.22 4.15 -0.01	65.14 3.28 -0.01
NYPA_VERNON____GT2 24162	54.48 3.32 -0.01	50.86 3.06 -0.01	47.66 2.83 -0.01	45.21 2.68 -0.01	45.58 2.70 -0.01	46.05 2.77 -0.01	49.31 3.01 -0.01	54.38 3.41 -0.01	54.29 3.41 -0.01	52.60 3.30 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.31 3.18 -0.01	49.13 3.21 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	73.98 4.25 -0.01	84.25 4.69 -0.01	77.08 4.36 -0.01	75.43 4.40 -0.01	70.61 4.00 -0.01	67.25 3.87 -0.01	71.74 3.67 -0.01	64.83 2.97 -0.01
NYPA_VERNON____GT3 24163	54.48 3.32 -0.01	50.86 3.06 -0.01	47.66 2.83 -0.01	45.21 2.68 -0.01	45.58 2.70 -0.01	46.05 2.77 -0.01	49.31 3.01 -0.01	54.38 3.41 -0.01	54.29 3.41 -0.01	52.60 3.30 -0.01	51.38 3.13 -0.01	49.69 3.08 -0.01	49.31 3.18 -0.01	49.13 3.21 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	73.98 4.25 -0.01	84.25 4.69 -0.01	77.08 4.36 -0.01	75.43 4.40 -0.01	70.61 4.00 -0.01	67.25 3.87 -0.01	71.74 3.67 -0.01	64.83 2.97 -0.01
NYPA____ASTORIA_CC1 323568	54.48 3.32 -0.01	50.86 3.06 -0.01	47.66 2.83 -0.01	45.21 2.68 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.31 3.01 -0.01	54.38 3.41 -0.01	54.29 3.41 -0.01	52.60 3.30 -0.01	51.38 3.13 -0.01	49.74 3.12 -0.01	49.31 3.18 -0.01	49.13 3.21 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	73.98 4.25 -0.01	84.25 4.69 -0.01	77.08 4.36 -0.01	75.43 4.40 -0.01	70.61 4.00 -0.01	67.25 3.87 -0.01	71.74 3.67 -0.01	64.77 2.91 -0.01
NYPA____ASTORIA_CC2 323569	54.48 3.32 -0.01	50.86 3.06 -0.01	47.66 2.83 -0.01	45.21 2.68 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.31 3.01 -0.01	54.38 3.41 -0.01	54.29 3.41 -0.01	52.60 3.30 -0.01	51.38 3.13 -0.01	49.74 3.12 -0.01	49.31 3.18 -0.01	49.13 3.21 -0.01	57.16 3.74 -0.01	61.98 3.89 -0.01	73.98 4.25 -0.01	84.25 4.69 -0.01	77.08 4.36 -0.01	75.43 4.40 -0.01	70.61 4.00 -0.01	67.25 3.87 -0.01	71.74 3.67 -0.01	64.77 2.91 -0.01
NYPA____HOLTSVILL 23794	55.91 4.76 -0.01	52.19 4.39 -0.01	48.77 3.95 0.00	46.05 3.53 0.00	46.60 3.73 0.00	46.99 3.72 0.00	50.52 4.21 -0.01	55.75 4.79 -0.01	55.46 4.58 0.00	53.52 4.24 0.00	52.40 4.15 -0.01	50.67 4.05 -0.01	50.23 4.10 -0.01	50.05 4.13 -0.01	58.29 4.86 -0.02	67.59 5.17 -4.34	108.15 6.06 -32.37	119.18 6.76 -32.87	118.51 6.25 -39.55	115.15 6.25 -37.89	105.68 5.60 -33.48	90.87 5.51 -21.98	73.85 5.78 -0.01	66.81 4.95 -0.01
NYPA____HELLGATE_GT1 24158	54.22 3.07 -0.01	50.57 2.77 -0.01	47.39 2.55 -0.01	44.98 2.47 0.01	45.34 2.49 0.01	45.82 2.55 0.01	49.11 2.82 0.01	54.18 3.21 -0.01	54.09 3.21 -0.01	52.40 3.11 -0.01	51.22 2.99 0.01	49.54 2.94 0.01	49.11 3.00 0.01	48.94 3.03 -0.01	56.93 3.52 0.01	61.69 3.60 -0.01	73.91 4.18 -0.01	84.17 4.61 -0.01	77.00 4.29 -0.01	75.21 4.19 -0.01	70.21 3.59 -0.01	66.87 3.48 -0.01	71.47 3.40 -0.01	64.40 2.54 -0.01
NYPA____HELLGATE_GT2 24159	54.22 3.07 -0.01	50.57 2.77 -0.01	47.39 2.55 -0.01	44.98 2.47 0.01	45.34 2.49 0.01	45.82 2.55 0.01	49.11 2.82 0.01	54.18 3.21 -0.01	54.09 3.21 -0.01	52.40 3.11 -0.01	51.22 2.99 0.01	49.54 2.94 0.01	49.11 3.00 0.01	48.94 3.03 -0.01	56.93 3.52 0.01	61.69 3.60 -0.01	73.91 4.18 -0.01	84.17 4.61 -0.01	77.00 4.29 -0.01	75.21 4.19 -0.01	70.21 3.59 -0.01	66.87 3.48 -0.01	71.47 3.40 -0.01	64.40 2.54 -0.01
NYS_BARGE____HYD 23848	45.83 -5.32 0.00	43.06 -4.73 0.00	40.44 -4.39 0.00	38.23 -4.29 0.00	38.75 -4.12 0.00	38.51 -4.76 0.00	40.69 -5.60 0.00	45.15 -5.81 0.00	44.43 -5.95 0.50	43.42 -5.87 0.00	42.40 -5.84 0.00	41.20 -5.41 0.00	40.13 -5.16 0.83	39.85 -5.19 0.87	44.19 -6.52 2.70	45.19 -7.09 5.81	60.64 -8.58 0.50	70.48 -9.07 0.00	64.85 -7.85 0.00	63.56 -7.46 0.00	59.89 -6.73 0.00	57.04 -6.34 0.00	62.82 -5.24 0.00	59.63 -2.22 0.00
OAK ORCHARD____HYD 24046	47.87 -3.27 0.00	44.92 -2.87 0.00	42.09 -2.74 0.00	39.85 -2.68 0.00	40.30 -2.57 0.00	40.50 -2.77 0.00	43.15 -3.15 0.00	47.85 -3.11 0.00	47.77 -3.11 0.00	46.48 -2.81 0.00	45.49 -2.75 0.00	44.00 -2.61 0.00	43.31 -2.81 0.00	43.15 -2.75 0.00	50.05 -3.36 0.00	54.54 -3.54 0.00	65.67 -4.05 0.00	75.58 -3.98 0.00	69.36 -3.34 0.00	67.75 -3.27 0.00	63.68 -2.93 0.00	60.53 -2.85 0.00	65.62 -2.45 0.00	60.55 -1.30 0.00

OAKDALE___35_KV_LOAD 356122	50.12 -1.02 0.00	46.98 -0.81 0.00	44.07 -0.76 0.00	41.80 -0.72 0.00	42.14 -0.73 0.00	42.45 -0.82 0.00	45.37 -0.93 0.00	50.09 -0.87 0.00	50.06 -0.81 0.00	48.45 -0.84 0.00	47.47 -0.77 0.00	45.95 -0.65 0.00	45.34 -0.78 0.00	45.08 -0.83 0.00	52.23 -1.18 0.00	56.75 -1.34 0.00	68.53 -1.19 0.00	78.44 -1.11 0.00	71.84 -0.87 0.00	70.31 -0.71 0.00	65.94 -0.67 0.00	62.68 -0.70 0.00	67.45 -0.61 0.00	61.60 -0.25 0.00
OCC_CHEM___DRP 24175	44.50 -6.65 0.00	41.91 -5.88 0.00	39.27 -5.56 0.00	37.21 -5.32 0.00	37.55 -5.32 0.00	37.34 -5.93 0.00	39.63 -6.67 0.00	43.98 -6.98 0.00	43.87 -6.46 0.54	42.48 -6.80 0.00	41.53 -6.71 0.00	40.73 -5.87 0.00	39.45 -5.77 0.91	39.17 -5.78 0.95	43.19 -7.26 2.95	43.85 -7.90 6.33	60.18 -8.99 0.54	68.81 -10.74 0.00	63.26 -9.45 0.00	62.00 -9.02 0.00	58.42 -8.19 0.00	55.84 -7.54 0.00	61.39 -6.67 0.00	57.58 -4.27 0.00
OH_GEN_PROXY 24063	45.37 -5.78 0.00	42.68 -5.11 0.00	39.99 -4.84 0.00	37.85 -4.68 0.00	38.32 -4.55 0.00	38.16 -5.11 0.00	40.46 -5.83 0.00	44.89 -6.06 0.00	44.20 -6.21 0.47	43.37 -5.92 0.00	42.40 -5.84 0.00	41.20 -5.41 0.00	39.80 -5.54 0.78	39.48 -5.60 0.82	43.86 -6.99 2.55	45.00 -7.61 5.48	60.60 -8.65 0.47	70.25 -9.31 0.00	64.64 -8.07 0.00	63.42 -7.60 0.00	59.62 -6.99 0.00	56.91 -6.47 0.00	62.41 -5.65 0.00	58.70 -3.15 0.00
OLIN_CORP_DRP 24177	45.37 -5.78 0.00	42.68 -5.11 0.00	40.08 -4.75 0.00	37.97 -4.55 0.00	38.32 -4.54 0.00	38.12 -5.15 0.00	40.18 -6.11 0.00	44.59 -6.37 0.00	43.97 -6.36 0.55	42.73 -6.55 0.00	41.77 -6.46 0.00	40.97 -5.64 0.00	39.59 -5.63 0.90	39.27 -5.69 0.95	43.36 -7.10 2.95	43.95 -7.78 6.35	59.48 -9.69 0.55	69.21 -10.34 0.00	63.69 -9.02 0.00	62.42 -8.59 0.00	58.82 -7.79 0.00	56.15 -7.23 0.00	61.87 -6.19 0.00	58.70 -3.15 0.00
OLIN_CORP_DSASP 323712	44.50 -6.65 0.00	41.91 -5.88 0.00	39.27 -5.56 0.00	37.21 -5.32 0.00	37.55 -5.32 0.00	37.34 -5.93 0.00	39.63 -6.67 0.00	43.98 -6.98 0.00	43.87 -6.46 0.54	42.48 -6.80 0.00	41.53 -6.71 0.00	40.73 -5.87 0.00	39.45 -5.77 0.91	39.17 -5.78 0.95	43.19 -7.26 2.95	43.85 -7.90 6.33	60.18 -8.99 0.54	68.81 -10.74 0.00	63.26 -9.45 0.00	62.00 -9.02 0.00	58.42 -8.19 0.00	55.84 -7.54 0.00	61.39 -6.67 0.00	57.58 -4.27 0.00
ONEIDA_HERK_LFGE 323681	51.71 0.56 0.00	48.41 0.62 0.00	45.50 0.67 0.00	43.04 0.51 0.00	43.30 0.43 0.00	43.70 0.43 0.00	46.76 0.46 0.00	51.67 0.71 0.00	51.54 0.66 0.00	50.03 0.74 0.00	49.01 0.77 0.00	47.31 0.70 0.00	46.86 0.74 0.00	46.69 0.78 0.00	54.21 0.80 0.00	59.01 0.93 0.00	71.11 1.39 0.00	81.23 1.67 0.00	74.16 1.45 0.00	72.36 1.35 0.00	68.01 1.40 0.00	64.71 1.33 0.00	69.42 1.36 0.00	63.46 1.61 0.00
ONEIDA___115KV_TB4 55905	51.81 0.66 0.00	48.60 0.81 0.00	45.64 0.81 0.00	43.25 0.72 0.00	43.55 0.69 0.00	43.96 0.69 0.00	47.04 0.74 0.00	51.98 1.02 0.00	51.89 1.02 0.00	50.27 0.99 0.00	49.25 1.01 0.00	47.54 0.93 0.00	47.04 0.92 0.00	46.87 0.96 0.00	54.42 1.01 0.00	59.24 1.16 0.00	71.32 1.60 0.00	81.38 1.83 0.00	74.38 1.67 0.00	72.65 1.63 0.00	68.21 1.60 0.00	64.84 1.46 0.00	69.56 1.50 0.00	63.40 1.55 0.00
ONONDAGA_REF_OCCRA 23987	50.07 -1.07 0.00	46.93 -0.86 0.00	43.98 -0.85 0.00	41.72 -0.81 0.00	42.10 -0.77 0.00	42.41 -0.87 0.00	45.37 -0.93 0.00	50.09 -0.87 0.00	50.11 -0.76 0.00	48.55 -0.74 0.00	47.56 -0.68 0.00	46.00 -0.61 0.00	45.43 -0.69 0.00	45.22 -0.69 0.00	52.45 -0.96 0.00	57.04 -1.05 0.00	68.60 -1.12 0.00	78.52 -1.03 0.00	71.84 -0.87 0.00	70.24 -0.78 0.00	65.81 -0.80 0.00	62.56 -0.82 0.00	67.25 -0.82 0.00	61.17 -0.68 0.00
ONONDAGA___COGEN 23986	50.07 -1.07 0.00	46.93 -0.86 0.00	43.98 -0.85 0.00	41.72 -0.81 0.00	42.10 -0.77 0.00	42.45 -0.82 0.00	45.42 -0.88 0.00	50.09 -0.87 0.00	50.11 -0.76 0.00	48.55 -0.74 0.00	47.56 -0.68 0.00	46.00 -0.61 0.00	45.43 -0.69 0.00	45.26 -0.64 0.00	52.45 -0.96 0.00	57.04 -1.05 0.00	68.67 -1.05 0.00	78.52 -1.03 0.00	71.84 -0.87 0.00	70.24 -0.78 0.00	65.88 -0.73 0.00	62.62 -0.76 0.00	67.25 -0.82 0.00	61.17 -0.68 0.00
ONTARIO___LFGE 23819	49.51 -1.64 0.00	46.50 -1.29 0.00	43.53 -1.30 0.00	41.29 -1.23 0.00	41.71 -1.16 0.00	41.97 -1.30 0.00	44.86 -1.44 0.00	49.68 -1.27 0.00	50.01 -1.22 -0.36	48.10 -1.18 0.00	47.08 -1.16 0.00	45.49 -1.12 0.00	45.42 -1.29 -0.59	45.25 -1.29 -0.63	53.48 -1.87 -1.94	59.97 -2.27 -4.16	67.91 -2.16 -0.36	77.64 -1.91 0.00	71.25 -1.45 0.00	69.67 -1.35 0.00	65.34 -1.27 0.00	62.05 -1.33 0.00	66.91 -1.16 0.00	61.61 -0.25 0.00
ORANGEVILLE_WT_PWR 323706	45.88 -5.27 0.00	43.15 -4.63 0.00	40.44 -4.39 0.00	38.27 -4.25 0.00	38.75 -4.12 0.00	38.60 -4.67 0.00	41.06 -5.23 0.00	45.51 -5.45 0.00	43.03 -5.54 2.30	43.91 -5.37 0.00	42.98 -5.26 0.00	41.66 -4.94 0.00	37.25 -5.03 3.85	36.76 -5.10 4.05	34.46 -6.41 12.54	24.16 -7.03 26.90	59.82 -7.60 2.30	71.52 -8.03 0.00	65.73 -6.98 0.00	64.56 -6.46 0.00	60.75 -5.86 0.00	57.93 -5.45 0.00	63.50 -4.56 0.00	59.63 -2.22 0.00
ORANGEVILLE___ESR 323794	45.88 -5.27 0.00	43.15 -4.63 0.00	40.44 -4.39 0.00	38.27 -4.25 0.00	38.75 -4.12 0.00	38.60 -4.67 0.00	41.06 -5.23 0.00	45.51 -5.45 0.00	43.03 -5.54 2.30	43.91 -5.37 0.00	42.98 -5.26 0.00	41.66 -4.94 0.00	37.25 -5.03 3.85	36.76 -5.10 4.05	34.46 -6.41 12.54	24.16 -7.03 26.90	59.82 -7.60 2.30	71.52 -8.03 0.00	65.73 -6.98 0.00	64.56 -6.46 0.00	60.75 -5.86 0.00	57.93 -5.45 0.00	63.50 -4.56 0.00	59.63 -2.22 0.00
OSWEGATCHIE___HYD 24044	51.35 0.21 0.00	47.98 0.19 0.00	45.10 0.27 0.00	42.65 0.13 0.00	42.91 0.04 0.00	43.18 -0.09 0.00	46.25 -0.05 0.00	50.96 0.00 0.00	50.88 0.00 0.00	49.43 0.15 0.00	48.43 0.19 0.00	46.84 0.23 0.00	46.35 0.23 0.00	46.18 0.28 0.00	53.73 0.32 0.00	58.49 0.41 0.00	70.28 0.56 0.00	80.27 0.71 0.00	73.29 0.58 0.00	71.45 0.43 0.00	67.34 0.73 0.00	64.08 0.70 0.00	69.02 0.95 0.00	63.15 1.30 0.00
OSWEGO___5 23606	49.25 -1.89 0.00	46.11 -1.67 0.00	43.26 -1.57 0.00	41.03 -1.49 0.00	41.37 -1.50 0.00	41.72 -1.56 0.00	44.63 -1.66 0.00	49.22 -1.73 0.00	49.20 -1.68 0.00	47.61 -1.68 0.00	46.65 -1.59 0.00	45.07 -1.54 0.00	44.60 -1.52 0.00	44.39 -1.51 0.00	51.49 -1.92 0.00	55.99 -2.09 0.00	67.35 -2.37 0.00	76.93 -2.62 0.00	70.38 -2.33 0.00	68.74 -2.28 0.00	64.48 -2.13 0.00	61.35 -2.03 0.00	65.95 -2.11 0.00	60.06 -1.80 0.00
OSWEGO___6 23613	49.25 -1.89 0.00	46.11 -1.67 0.00	43.26 -1.57 0.00	41.03 -1.49 0.00	41.37 -1.50 0.00	41.72 -1.56 0.00	44.63 -1.66 0.00	49.22 -1.73 0.00	49.20 -1.68 0.00	47.61 -1.68 0.00	46.65 -1.59 0.00	45.07 -1.54 0.00	44.60 -1.52 0.00	44.39 -1.51 0.00	51.49 -1.92 0.00	55.99 -2.09 0.00	67.35 -2.37 0.00	76.93 -2.62 0.00	70.38 -2.33 0.00	68.74 -2.28 0.00	64.48 -2.13 0.00	61.35 -2.03 0.00	65.95 -2.11 0.00	60.06 -1.80 0.00

OUTOKUMPU-AB___DRP 24206	45.67 -5.47 0.00	42.91 -4.87 0.00	40.30 -4.53 0.00	38.19 -4.34 0.00	38.54 -4.33 0.00	38.30 -4.98 0.00	40.60 -5.69 0.00	45.05 -5.91 0.00	44.56 -5.75 0.57	43.47 -5.82 0.00	42.55 -5.69 0.00	41.67 -4.94 0.00	40.09 -5.07 0.95	39.76 -5.14 1.00	43.73 -6.57 3.11	44.20 -7.20 6.68	61.06 -8.09 0.57	70.64 -8.91 0.00	65.00 -7.71 0.00	63.70 -7.31 0.00	60.02 -6.59 0.00	57.23 -6.15 0.00	62.96 -5.10 0.00	59.19 -2.66 0.00
OXBOW___BTM 323836	45.11 -6.04 0.00	42.44 -5.35 0.00	39.81 -5.02 0.00	37.67 -4.85 0.00	38.15 -4.72 0.00	37.86 -5.41 0.00	40.18 -6.11 0.00	44.59 -6.37 0.00	44.26 -6.06 0.56	43.03 -6.26 0.00	42.06 -6.17 0.00	40.87 -5.73 0.00	39.84 -5.35 0.93	39.51 -5.42 0.98	43.54 -6.84 3.03	44.14 -7.43 6.51	60.72 -8.44 0.56	69.84 -9.71 0.00	64.20 -8.51 0.00	62.99 -8.03 0.00	59.35 -7.26 0.00	56.60 -6.78 0.00	62.28 -5.79 0.00	58.76 -3.09 0.00
OXBOW___ 24026	45.11 -6.04 0.00	42.44 -5.35 0.00	39.81 -5.02 0.00	37.76 -4.76 0.00	38.11 -4.76 0.00	37.86 -5.41 0.00	40.14 -6.16 0.00	44.54 -6.42 0.00	44.27 -6.05 0.56	43.03 -6.26 0.00	42.06 -6.17 0.00	41.25 -5.36 0.00	39.84 -5.35 0.93	39.51 -5.42 0.98	43.54 -6.84 3.03	44.08 -7.49 6.51	60.73 -8.44 0.56	69.85 -9.71 0.00	64.20 -8.51 0.00	62.92 -8.10 0.00	59.35 -7.26 0.00	56.60 -6.78 0.00	62.28 -5.79 0.00	58.45 -3.40 0.00
OXY_CHEM_DSASP 323612	44.50 -6.65 0.00	41.91 -5.88 0.00	39.27 -5.56 0.00	37.21 -5.32 0.00	37.55 -5.32 0.00	37.34 -5.93 0.00	39.63 -6.67 0.00	43.98 -6.98 0.00	43.87 -6.46 0.54	42.48 -6.80 0.00	41.53 -6.71 0.00	40.73 -5.87 0.00	39.45 -5.77 0.91	39.17 -5.78 0.95	43.19 -7.26 2.95	43.85 -7.90 6.33	60.18 -8.99 0.54	68.81 -10.74 0.00	63.26 -9.45 0.00	62.00 -9.02 0.00	58.42 -8.19 0.00	55.84 -7.54 0.00	61.39 -6.67 0.00	57.58 -4.27 0.00
OZONE_PARK_ESR 323760	54.57 3.43 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.04 2.77 0.00	49.35 3.06 0.00	54.47 3.52 0.00	54.34 3.46 0.00	52.64 3.35 0.00	51.42 3.18 0.00	49.68 3.08 0.00	49.35 3.23 0.00	49.21 3.31 0.00	57.26 3.85 0.00	62.09 4.01 0.00	74.18 4.46 0.00	84.41 4.85 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.44 4.06 0.00	71.87 3.81 0.00	64.94 3.09 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	44.50 -6.65 0.00	41.91 -5.88 0.00	39.27 -5.56 0.00	37.21 -5.32 0.00	37.55 -5.32 0.00	37.34 -5.93 0.00	39.63 -6.67 0.00	43.98 -6.98 0.00	43.87 -6.46 0.54	42.48 -6.80 0.00	41.53 -6.71 0.00	40.73 -5.87 0.00	39.45 -5.77 0.91	39.17 -5.78 0.95	43.19 -7.26 2.95	43.85 -7.90 6.33	60.18 -8.99 0.54	68.81 -10.74 0.00	63.26 -9.45 0.00	62.00 -9.02 0.00	58.42 -8.19 0.00	55.84 -7.54 0.00	61.39 -6.67 0.00	57.58 -4.27 0.00
PACKARD___115KV_DUPONT_184 80571	44.50 -6.65 0.00	41.91 -5.88 0.00	39.27 -5.56 0.00	37.12 -5.40 0.00	37.59 -5.27 0.00	37.39 -5.88 0.00	39.63 -6.67 0.00	44.03 -6.93 0.00	43.87 -6.46 0.54	42.48 -6.80 0.00	41.48 -6.75 0.00	40.36 -6.24 0.00	39.45 -5.77 0.91	39.17 -5.79 0.95	43.25 -7.21 2.95	43.91 -7.84 6.33	60.19 -8.99 0.54	68.81 -10.74 0.00	63.26 -9.45 0.00	62.07 -8.95 0.00	58.41 -8.20 0.00	55.84 -7.54 0.00	61.40 -6.67 0.00	57.83 -4.02 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	54.27 3.12 0.00	50.66 2.87 0.00	47.47 2.64 0.00	45.02 2.51 0.02	45.34 2.49 0.02	45.85 2.60 0.02	49.10 2.82 0.02	54.17 3.21 0.00	54.03 3.15 0.00	52.39 3.10 0.00	51.17 2.94 0.02	49.43 2.84 0.02	49.06 2.95 0.02	48.94 3.03 0.00	56.92 3.53 0.02	61.74 3.66 0.00	73.90 4.18 0.00	84.25 4.69 0.00	77.00 4.29 0.00	75.28 4.26 0.00	70.27 3.66 0.00	66.99 3.61 0.00	71.47 3.40 0.00	64.57 2.72 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	54.73 3.58 0.00	51.09 3.30 0.00	47.88 3.05 0.00	45.40 2.89 0.02	45.72 2.87 0.02	46.20 2.94 0.02	49.52 3.24 0.02	54.63 3.67 0.00	54.49 3.61 0.00	52.78 3.50 0.00	51.55 3.33 0.02	49.81 3.22 0.02	49.42 3.32 0.02	49.30 3.40 0.00	57.35 3.95 0.02	62.26 4.18 0.00	74.53 4.81 0.00	84.96 5.41 0.00	77.65 4.94 0.00	75.92 4.90 0.00	70.94 4.33 0.00	67.56 4.18 0.00	72.22 4.15 0.00	65.25 3.40 0.00
PATROON___115KV_TB1 80586	53.55 2.40 0.00	49.99 2.20 0.00	46.89 2.06 0.00	44.48 1.96 0.00	44.80 1.93 0.00	45.26 1.99 0.00	48.33 2.04 0.00	52.59 1.63 0.00	52.45 1.58 0.00	50.86 1.58 0.00	49.78 1.54 0.00	48.10 1.49 0.00	47.69 1.57 0.00	47.51 1.61 0.00	55.28 1.87 0.00	59.94 1.86 0.00	71.74 2.02 0.00	81.46 1.91 0.00	74.60 1.89 0.00	72.93 1.92 0.00	68.48 1.87 0.00	65.22 1.84 0.00	69.97 1.91 0.00	63.46 1.61 0.00
PATTRSNVILLE___SOLAR 323815	52.94 1.79 0.00	49.41 1.63 0.00	46.40 1.57 0.00	43.97 1.45 0.00	44.33 1.46 0.00	44.78 1.51 0.00	47.82 1.53 0.00	52.64 1.68 0.00	52.35 1.48 0.00	50.42 1.13 0.00	49.25 1.01 0.00	47.59 0.98 0.00	47.13 1.01 0.00	47.05 1.15 0.00	54.96 1.55 0.00	60.06 1.98 0.00	72.37 2.65 0.00	82.41 2.86 0.00	75.47 2.76 0.00	73.72 2.70 0.00	69.00 2.39 0.00	65.66 2.28 0.00	70.44 2.38 0.00	63.83 1.98 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	46.65 -4.50 0.00	43.87 -3.92 0.00	41.15 -3.68 0.00	39.04 -3.49 0.00	39.40 -3.47 0.00	39.16 -4.11 0.00	41.62 -4.68 0.00	46.07 -4.89 0.00	45.30 -4.99 0.59	44.55 -4.73 0.00	43.66 -4.58 0.00	42.60 -4.01 0.00	40.76 -4.38 0.98	40.33 -4.54 1.03	43.86 -6.36 3.20	43.90 -7.32 6.87	62.23 -6.90 0.59	72.47 -7.08 0.00	66.67 -6.03 0.00	65.34 -5.68 0.00	61.55 -5.06 0.00	58.56 -4.82 0.00	64.25 -3.81 0.00	60.31 -1.55 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	54.37 3.22 0.00	50.70 2.92 0.00	47.52 2.69 0.00	45.12 2.59 0.00	45.44 2.57 0.00	45.91 2.64 0.00	49.12 2.82 0.00	54.12 3.16 0.00	54.03 3.15 0.00	52.39 3.10 0.00	51.18 2.94 0.00	49.36 2.75 0.00	49.07 2.95 0.00	48.84 2.94 0.00	56.83 3.42 0.00	61.74 3.66 0.00	74.04 4.32 0.00	84.41 4.85 0.00	77.14 4.44 0.00	75.35 4.33 0.00	70.47 3.86 0.00	67.12 3.74 0.00	71.81 3.74 0.00	64.82 2.97 0.00
PEEKSKILL___ 23653	53.70 2.56 0.00	50.13 2.34 0.00	46.98 2.15 0.00	44.61 2.08 0.00	44.97 2.10 0.00	45.43 2.16 0.00	48.61 2.31 0.00	53.60 2.65 0.00	53.47 2.59 0.00	51.80 2.51 0.00	50.65 2.41 0.00	48.98 2.38 0.00	48.56 2.44 0.00	48.38 2.48 0.00	56.24 2.83 0.00	61.04 2.96 0.00	73.00 3.28 0.00	83.05 3.50 0.00	75.98 3.27 0.00	74.36 3.34 0.00	69.54 2.93 0.00	66.23 2.85 0.00	70.79 2.73 0.00	63.89 2.04 0.00
PGE MADISON___WINDPWR 24146	52.83 1.69 0.00	49.84 2.05 0.00	46.94 2.11 0.00	44.31 1.79 0.00	44.45 1.59 0.00	44.87 1.60 0.00	47.92 1.62 0.00	53.25 2.29 0.00	53.13 2.14 -0.12	51.26 1.97 0.00	50.12 1.88 0.00	48.33 1.72 0.00	48.03 1.71 -0.20	47.77 1.65 -0.21	56.10 2.03 -0.66	62.05 2.56 -1.42	74.09 4.25 -0.12	84.72 5.17 0.00	77.51 4.80 0.00	75.70 4.69 0.00	71.14 4.53 0.00	67.06 3.68 0.00	71.81 3.74 0.00	65.75 3.90 0.00

PIERCEFIELD___HYD 23852	51.86 0.72 0.00	48.36 0.57 0.00	45.41 0.58 0.00	42.99 0.47 0.00	43.30 0.43 0.00	43.70 0.43 0.00	46.85 0.56 0.00	51.52 0.56 0.00	51.39 0.51 0.00	49.93 0.64 0.00	48.82 0.58 0.00	47.12 0.51 0.00	46.58 0.46 0.00	46.37 0.46 0.00	54.16 0.75 0.00	58.84 0.76 0.00	70.63 0.91 0.00	80.75 1.19 0.00	73.65 0.95 0.00	71.87 0.85 0.00	67.88 1.27 0.00	64.52 1.14 0.00	69.29 1.23 0.00	63.27 1.42 0.00
PINELAWN_CC_1 323563	55.66 4.50 -0.01	51.91 4.11 -0.01	48.55 3.72 0.00	45.88 3.36 0.00	46.38 3.52 0.00	46.77 3.50 0.00	50.29 3.98 -0.01	55.45 4.49 -0.01	55.20 4.32 0.00	53.33 4.04 0.00	52.20 3.96 -0.01	50.48 3.87 -0.01	50.05 3.92 -0.01	49.91 3.99 -0.01	58.07 4.64 -0.02	67.24 4.82 -4.34	107.73 5.64 -32.37	118.63 6.21 -32.87	118.00 5.74 -39.55	114.65 5.75 -37.89	105.35 5.26 -33.48	90.43 5.07 -21.98	73.45 5.38 -0.01	66.37 4.51 -0.01
PJM_GEN_HTTP_PROXY 323702	54.06 2.91 0.00	50.42 2.63 0.00	47.25 2.42 0.00	44.86 2.34 0.00	45.22 2.36 0.00	45.65 2.38 0.00	48.93 2.64 0.00	53.96 3.01 0.00	53.83 2.95 0.00	52.14 2.86 0.00	50.99 2.75 0.00	49.31 2.70 0.00	48.89 2.77 0.00	48.71 2.80 0.00	56.67 3.26 0.00	61.51 3.43 0.00	73.41 3.69 0.00	83.53 3.98 0.00	76.41 3.71 0.00	74.85 3.83 0.00	70.01 3.40 0.00	66.74 3.36 0.00	71.13 3.07 0.00	64.26 2.41 0.00
PJM_GEN_KEystone 24065	50.07 -1.08 0.00	46.93 -0.86 0.00	44.02 -0.81 0.00	41.80 -0.72 0.00	42.18 -0.69 0.00	42.36 -0.91 0.00	45.28 -1.02 0.00	49.99 -0.97 0.00	49.74 -1.02 0.12	48.30 -0.99 0.00	47.27 -0.96 0.00	45.77 -0.84 0.00	45.00 -0.92 0.20	44.73 -0.97 0.21	43.23 -1.44 8.74	47.13 -1.74 9.21	56.21 -1.74 11.77	70.57 -1.83 7.16	69.30 -1.45 1.95	62.30 -1.28 7.44	61.53 -1.27 3.81	62.30 -1.08 0.00	57.48 -1.02 9.56	61.36 -0.43 0.06
PJM_GEN_NEPTUNE_PROXY 323594	54.94 3.78 -0.01	51.24 3.44 -0.01	48.01 3.18 0.00	45.42 2.89 0.00	45.87 3.00 0.00	46.30 3.03 0.00	49.73 3.43 -0.01	54.84 3.87 -0.01	54.64 3.76 0.00	52.78 3.50 0.00	51.67 3.43 -0.01	49.97 3.36 -0.01	49.54 3.41 -0.01	49.36 3.44 -0.01	57.38 3.95 -0.02	66.49 4.06 -4.34	106.62 4.53 -32.37	117.28 4.85 -32.87	116.76 4.51 -39.55	113.45 4.55 -37.89	104.22 4.13 -33.48	89.36 4.00 -21.98	72.43 4.36 -0.01	65.38 3.52 -0.01
PJM_GEN_VFT_PROXY 323633	53.96 2.81 0.00	50.32 2.53 0.00	47.16 2.33 0.00	44.78 2.25 0.00	45.14 2.27 0.00	45.56 2.29 0.00	48.84 2.54 0.00	53.86 2.90 0.00	53.77 2.90 0.00	52.09 2.81 0.00	50.89 2.65 0.00	49.26 2.66 0.00	48.84 2.72 0.00	48.66 2.75 0.00	56.61 3.20 0.00	61.33 3.25 0.00	73.07 3.35 0.00	83.21 3.66 0.00	76.13 3.42 0.00	74.50 3.48 0.00	69.74 3.13 0.00	66.48 3.10 0.00	70.79 2.73 0.00	63.96 2.10 0.00
PLATSBURG_115KV_PMLD1 355749	51.30 0.15 0.00	47.84 0.05 0.00	44.87 0.04 0.00	42.52 0.00 0.00	42.78 -0.09 0.00	43.18 -0.09 0.00	46.30 0.00 0.00	50.85 -0.10 0.00	50.77 -0.10 0.00	49.24 -0.05 0.00	48.14 -0.10 0.00	46.51 -0.09 0.00	46.03 -0.09 0.00	45.86 -0.05 0.00	53.57 0.16 0.00	58.31 0.23 0.00	70.35 0.63 0.00	80.51 0.95 0.00	73.44 0.73 0.00	71.66 0.64 0.00	67.41 0.80 0.00	63.95 0.57 0.00	68.61 0.54 0.00	62.53 0.68 0.00
PLEASANTVLY___LBMP 24000	53.60 2.46 0.00	50.03 2.25 0.00	46.94 2.11 0.00	44.52 2.00 0.00	44.88 2.01 0.00	45.35 2.08 0.00	48.52 2.22 0.00	53.45 2.50 0.00	53.32 2.44 0.00	51.65 2.37 0.00	50.51 2.27 0.00	48.75 2.14 0.00	48.38 2.26 0.00	48.25 2.34 0.00	56.08 2.67 0.00	60.87 2.79 0.00	72.79 3.07 0.00	82.74 3.18 0.00	75.69 2.98 0.00	74.07 3.05 0.00	69.34 2.73 0.00	66.04 2.66 0.00	70.65 2.59 0.00	63.89 2.04 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	53.91 2.76 0.00	50.37 2.58 0.00	47.20 2.38 0.00	44.78 2.25 0.00	45.14 2.27 0.00	45.61 2.34 0.00	48.80 2.50 0.00	53.86 2.90 0.00	53.73 2.85 0.00	52.05 2.76 0.00	50.84 2.60 0.00	49.12 2.52 0.00	48.75 2.63 0.00	48.61 2.71 0.00	56.51 3.10 0.00	61.33 3.25 0.00	73.35 3.63 0.00	83.53 3.98 0.00	76.34 3.64 0.00	74.71 3.69 0.00	69.94 3.33 0.00	66.55 3.17 0.00	71.13 3.06 0.00	64.26 2.41 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	53.91 2.76 0.00	50.37 2.58 0.00	47.20 2.38 0.00	44.78 2.25 0.00	45.14 2.27 0.00	45.61 2.34 0.00	48.80 2.50 0.00	53.86 2.90 0.00	53.73 2.85 0.00	52.05 2.76 0.00	50.84 2.60 0.00	49.12 2.52 0.00	48.75 2.63 0.00	48.61 2.71 0.00	56.51 3.10 0.00	61.33 3.25 0.00	73.35 3.63 0.00	83.53 3.98 0.00	76.34 3.64 0.00	74.71 3.69 0.00	69.94 3.33 0.00	66.55 3.17 0.00	71.13 3.06 0.00	64.26 2.41 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	54.01 2.86 0.00	50.37 2.58 0.00	47.20 2.38 0.00	44.86 2.34 0.00	45.14 2.27 0.00	45.61 2.34 0.00	48.75 2.45 0.00	53.71 2.75 0.00	53.57 2.70 0.00	51.85 2.56 0.00	50.65 2.41 0.00	48.89 2.28 0.00	48.56 2.44 0.00	48.43 2.52 0.00	56.35 2.94 0.00	61.22 3.14 0.00	73.35 3.63 0.00	83.61 4.06 0.00	76.42 3.71 0.00	74.71 3.69 0.00	69.87 3.26 0.00	66.49 3.11 0.00	71.13 3.06 0.00	64.26 2.41 0.00
POLETTI_____ 23519	42.76 3.02 11.40	42.76 2.72 7.75	42.76 2.51 4.58	42.76 2.38 2.14	42.76 2.40 2.51	42.76 2.42 2.93	42.76 2.64 6.17	42.76 3.01 11.20	42.76 2.95 11.07	42.76 2.86 9.38	50.86 2.70 0.08	49.20 2.61 0.02	48.83 2.72 0.02	48.71 2.80 0.00	50.86 3.26 5.81	50.92 3.43 10.59	51.70 3.63 21.64	65.82 3.90 17.63	58.70 3.64 17.65	57.06 3.76 17.72	52.28 3.40 17.72	50.86 3.36 15.88	53.40 3.06 17.72	50.92 2.47 13.40
POMONA___ESR 323819	53.55 2.40 0.00	49.99 2.20 0.00	46.89 2.06 0.00	44.56 2.04 0.00	44.93 2.06 0.00	45.35 2.08 0.00	48.52 2.22 0.00	53.45 2.50 0.00	53.32 2.44 0.00	51.65 2.37 0.00	50.51 2.27 0.00	48.84 2.24 0.00	48.43 2.31 0.00	48.20 2.29 0.00	56.08 2.67 0.00	60.81 2.73 0.00	72.72 3.00 0.00	82.82 3.26 0.00	75.76 3.05 0.00	74.14 3.12 0.00	69.34 2.73 0.00	66.04 2.66 0.00	70.51 2.45 0.00	63.71 1.85 0.00
PORT_JEFF_3 23555	56.06 4.91 -0.01	52.29 4.49 -0.01	48.87 4.04 0.00	46.14 3.61 0.00	46.68 3.81 0.00	47.08 3.81 0.00	50.61 4.31 -0.01	55.86 4.89 -0.01	55.55 4.68 0.00	53.62 4.34 0.00	52.49 4.25 -0.01	50.76 4.15 -0.01	50.32 4.20 -0.01	50.18 4.27 -0.01	58.39 4.97 -0.02	67.76 5.34 -4.34	108.36 6.28 -32.37	119.43 7.00 -32.87	118.72 6.47 -39.55	115.37 6.46 -37.89	105.95 5.86 -33.48	91.07 5.71 -21.98	74.06 5.99 -0.01	66.99 5.13 -0.01
PORT_JEFF_4 23616	56.06 4.91 -0.01	52.29 4.49 -0.01	48.87 4.04 0.00	46.14 3.61 0.00	46.68 3.81 0.00	47.08 3.81 0.00	50.61 4.31 -0.01	55.86 4.89 -0.01	55.55 4.68 0.00	53.62 4.34 0.00	52.49 4.25 -0.01	50.76 4.15 -0.01	50.32 4.20 -0.01	50.18 4.27 -0.01	58.39 4.97 -0.02	67.76 5.34 -4.34	108.36 6.28 -32.37	119.43 7.00 -32.87	118.72 6.47 -39.55	115.37 6.46 -37.89	105.95 5.86 -33.48	91.07 5.71 -21.98	74.06 5.99 -0.01	66.99 5.13 -0.01

PORT__JEFF_IC 23713	56.11 4.96 0.00	52.38 4.59 0.00	48.95 4.12 0.00	46.18 3.66 0.00	46.68 3.82 0.00	47.12 3.85 0.00	50.65 4.35 0.00	55.90 4.94 0.00	55.61 4.73 0.00	53.67 4.39 0.00	52.58 4.34 0.00	50.75 4.15 0.00	50.36 4.24 0.00	50.27 4.36 0.00	58.50 5.07 -0.02	67.88 5.46 -4.34	108.50 6.41 -32.37	119.66 7.24 -32.87	118.87 6.62 -39.55	115.51 6.60 -37.89	106.08 5.99 -33.48	91.19 5.83 -21.98	74.19 6.13 0.00	66.99 5.13 0.00
PPL PILGRIM_ST_GT1 24216	56.11 4.96 -0.01	52.34 4.54 -0.01	48.95 4.12 0.00	46.18 3.66 0.00	46.73 3.86 0.00	47.12 3.85 0.00	50.65 4.35 -0.01	55.91 4.94 -0.01	55.61 4.73 0.00	53.72 4.44 0.00	52.59 4.34 -0.01	50.85 4.24 -0.01	50.42 4.29 -0.01	50.28 4.36 -0.01	58.50 5.08 -0.02	67.82 5.40 -4.34	108.43 6.34 -32.37	119.43 7.00 -32.87	118.65 6.40 -39.55	115.37 6.46 -37.89	105.95 5.86 -33.48	91.00 5.64 -21.98	74.13 6.06 -0.01	67.06 5.20 -0.01
PPL PILGRIM_ST_GT2 24217	56.11 4.96 -0.01	52.34 4.54 -0.01	48.95 4.12 0.00	46.18 3.66 0.00	46.73 3.86 0.00	47.12 3.85 0.00	50.65 4.35 -0.01	55.91 4.94 -0.01	55.61 4.73 0.00	53.72 4.44 0.00	52.59 4.34 -0.01	50.85 4.24 -0.01	50.42 4.29 -0.01	50.28 4.36 -0.01	58.50 5.08 -0.02	67.82 5.40 -4.34	108.43 6.34 -32.37	119.43 7.00 -32.87	118.65 6.40 -39.55	115.37 6.46 -37.89	105.95 5.86 -33.48	91.00 5.64 -21.98	74.13 6.06 -0.01	67.06 5.20 -0.01
PPL_SHRM_GT3 24213	56.47 5.32 -0.01	52.67 4.88 -0.01	49.22 4.40 0.00	46.43 3.91 0.00	46.98 4.12 0.00	47.38 4.11 0.00	50.93 4.63 -0.01	56.21 5.25 -0.01	55.91 5.04 0.00	53.92 4.63 0.00	52.78 4.53 -0.01	50.99 4.38 -0.01	50.56 4.43 -0.01	50.42 4.50 -0.01	58.77 5.34 -0.02	68.12 5.70 -4.34	108.99 6.90 -32.37	120.23 7.80 -32.87	119.45 7.20 -39.55	116.07 7.17 -37.89	106.55 6.46 -33.48	91.64 6.28 -21.98	74.67 6.60 -0.01	67.55 5.69 -0.01
PPL_SHRM_GT4 24214	56.47 5.32 -0.01	52.67 4.88 -0.01	49.22 4.40 0.00	46.43 3.91 0.00	46.98 4.12 0.00	47.38 4.11 0.00	50.93 4.63 -0.01	56.21 5.25 -0.01	55.91 5.04 0.00	53.92 4.63 0.00	52.78 4.53 -0.01	50.99 4.38 -0.01	50.56 4.43 -0.01	50.42 4.50 -0.01	58.77 5.34 -0.02	68.12 5.70 -4.34	108.99 6.90 -32.37	120.23 7.80 -32.87	119.45 7.20 -39.55	116.07 7.17 -37.89	106.55 6.46 -33.48	91.64 6.28 -21.98	74.67 6.60 -0.01	67.55 5.69 -0.01
PROJECT__ORANGE 1 24174	49.77 -1.38 0.00	46.64 -1.15 0.00	43.75 -1.08 0.00	41.50 -1.02 0.00	41.84 -1.03 0.00	42.19 -1.08 0.00	45.14 -1.16 0.00	49.84 -1.12 0.00	49.81 -1.07 0.00	48.25 -1.03 0.00	47.27 -0.96 0.00	45.72 -0.89 0.00	45.20 -0.92 0.00	44.99 -0.92 0.00	52.13 -1.28 0.00	56.69 -1.39 0.00	68.19 -1.53 0.00	77.96 -1.59 0.00	71.33 -1.38 0.00	69.74 -1.28 0.00	65.41 -1.20 0.00	62.11 -1.27 0.00	66.84 -1.23 0.00	60.80 -1.05 0.00
PROJECT__ORANGE 2 24166	49.77 -1.38 0.00	46.64 -1.15 0.00	43.75 -1.08 0.00	41.50 -1.02 0.00	41.84 -1.03 0.00	42.19 -1.08 0.00	45.14 -1.16 0.00	49.84 -1.12 0.00	49.81 -1.07 0.00	48.25 -1.03 0.00	47.27 -0.96 0.00	45.72 -0.89 0.00	45.20 -0.92 0.00	44.99 -0.92 0.00	52.13 -1.28 0.00	56.69 -1.39 0.00	68.19 -1.53 0.00	77.96 -1.59 0.00	71.33 -1.38 0.00	69.74 -1.28 0.00	65.41 -1.20 0.00	62.11 -1.27 0.00	66.84 -1.23 0.00	60.80 -1.05 0.00
PUCKETT__SOLAR 323809	50.99 -0.15 0.00	47.88 0.10 0.00	44.92 0.09 0.00	42.57 0.04 0.00	42.91 0.04 0.00	43.23 -0.04 0.00	46.20 -0.09 0.00	51.06 0.10 0.00	50.98 0.10 0.00	49.33 0.05 0.00	48.24 0.00 0.00	46.61 0.00 0.00	46.07 -0.05 0.00	45.86 -0.05 0.00	53.30 -0.11 0.00	58.02 -0.06 0.00	70.28 0.56 0.00	80.51 0.96 0.00	73.65 0.94 0.00	72.08 1.07 0.00	67.61 1.00 0.00	64.08 0.70 0.00	68.88 0.82 0.00	62.90 1.05 0.00
PYRITES__HYD 24023	52.58 1.43 0.00	49.08 1.29 0.00	46.08 1.26 0.00	43.63 1.11 0.00	43.85 0.99 0.00	44.27 1.00 0.00	47.50 1.20 0.00	52.23 1.27 0.00	52.10 1.22 0.00	50.62 1.33 0.00	49.44 1.21 0.00	47.68 1.07 0.00	47.13 1.01 0.00	46.96 1.06 0.00	54.85 1.44 0.00	59.65 1.57 0.00	71.88 2.16 0.00	82.18 2.63 0.00	74.96 2.25 0.00	73.08 2.06 0.00	68.94 2.33 0.00	65.53 2.15 0.00	70.38 2.31 0.00	64.26 2.41 0.00
QUAKERRD_115KV_BK1 80622	47.26 -3.89 0.00	44.30 -3.49 0.00	41.56 -3.27 0.00	39.38 -3.15 0.00	39.78 -3.09 0.00	39.98 -3.29 0.00	42.68 -3.61 0.00	47.24 -3.72 0.00	47.21 -3.66 0.00	45.93 -3.35 0.00	44.96 -3.28 0.00	43.67 -2.94 0.00	42.80 -3.32 0.00	42.65 -3.26 0.00	49.51 -3.90 0.00	53.84 -4.24 0.00	64.91 -4.81 0.00	74.46 -5.09 0.00	68.35 -4.36 0.00	66.69 -4.33 0.00	62.75 -3.86 0.00	59.64 -3.74 0.00	64.52 -3.54 0.00	59.13 -2.72 0.00
QUENSBRY_115KV_TB8 356137	53.75 2.61 0.00	50.18 2.39 0.00	47.20 2.38 0.00	44.73 2.21 0.00	45.05 2.19 0.00	45.61 2.34 0.00	48.52 2.22 0.00	53.35 2.39 0.00	53.32 2.44 0.00	51.60 2.32 0.00	50.41 2.17 0.00	48.61 2.00 0.00	48.15 2.03 0.00	48.02 2.11 0.00	55.92 2.51 0.00	60.99 2.90 0.00	73.35 3.63 0.00	83.69 4.14 0.00	76.63 3.93 0.00	74.85 3.83 0.00	70.01 3.40 0.00	66.61 3.23 0.00	71.47 3.40 0.00	64.82 2.97 0.00
RAMAPO__LBMP 323565	53.35 2.20 0.00	49.84 2.05 0.00	46.76 1.93 0.00	44.39 1.87 0.00	44.75 1.89 0.00	45.22 1.95 0.00	48.38 2.08 0.00	53.30 2.34 0.00	53.17 2.29 0.00	51.45 2.17 0.00	50.36 2.12 0.00	48.61 2.00 0.00	48.24 2.12 0.00	48.06 2.16 0.00	55.87 2.46 0.00	60.64 2.56 0.00	72.51 2.79 0.00	82.50 2.94 0.00	75.47 2.76 0.00	73.86 2.84 0.00	69.14 2.53 0.00	65.85 2.47 0.00	70.31 2.25 0.00	63.52 1.67 0.00
RANKINE____ 23646	46.13 -5.01 0.00	43.39 -4.40 0.00	40.66 -4.17 0.00	38.57 -3.95 0.00	38.92 -3.94 0.00	38.68 -4.59 0.00	41.11 -5.19 0.00	45.56 -5.40 0.00	44.65 -5.55 0.68	44.01 -5.27 0.00	43.08 -5.16 0.00	42.13 -4.47 0.00	40.09 -4.89 1.14	39.71 -5.00 1.20	43.13 -6.57 3.71	42.80 -7.32 7.97	61.37 -7.67 0.68	71.60 -7.96 0.00	65.87 -6.83 0.00	64.63 -6.39 0.00	60.88 -5.73 0.00	57.99 -5.39 0.00	63.78 -4.29 0.00	59.81 -2.04 0.00
RAVENSWOOD_GT2_1 24244	54.16 3.02 0.00	50.56 2.77 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.27 2.40 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.29 3.01 0.00	51.08 2.85 0.00	49.31 2.70 0.00	48.98 2.86 0.00	48.84 2.94 0.00	56.83 3.42 0.00	61.62 3.54 0.00	73.55 3.83 0.00	83.69 4.14 0.00	76.56 3.85 0.00	74.99 3.98 0.00	70.21 3.60 0.00	66.87 3.49 0.00	71.33 3.27 0.00	64.45 2.60 0.00
RAVENSWOOD_GT2_2 24245	54.16 3.02 0.00	50.56 2.77 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.27 2.40 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.29 3.01 0.00	51.08 2.85 0.00	49.31 2.70 0.00	48.98 2.86 0.00	48.84 2.94 0.00	56.83 3.42 0.00	61.62 3.54 0.00	73.55 3.83 0.00	83.69 4.14 0.00	76.56 3.85 0.00	74.99 3.98 0.00	70.21 3.60 0.00	66.87 3.49 0.00	71.33 3.27 0.00	64.45 2.60 0.00

RAVENSWOOD_GT2_3 24246	54.16 3.02 0.00	50.56 2.77 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.78 2.51 0.00	49.03 2.73 0.00	54.12 3.16 0.00	53.98 3.10 0.00	52.29 3.01 0.00	51.08 2.85 0.00	49.36 2.75 0.00	48.98 2.86 0.00	48.84 2.94 0.00	56.83 3.42 0.00	61.68 3.60 0.00	73.62 3.90 0.00	83.77 4.22 0.00	76.63 3.93 0.00	74.99 3.98 0.00	70.21 3.60 0.00	66.87 3.49 0.00	71.33 3.27 0.00	64.45 2.60 0.00
RAVENSWOOD_GT2_4 24247	54.16 3.02 0.00	50.56 2.77 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.78 2.51 0.00	49.03 2.73 0.00	54.12 3.16 0.00	53.98 3.10 0.00	52.29 3.01 0.00	51.08 2.85 0.00	49.36 2.75 0.00	48.98 2.86 0.00	48.84 2.94 0.00	56.83 3.42 0.00	61.68 3.60 0.00	73.62 3.90 0.00	83.77 4.22 0.00	76.63 3.93 0.00	74.99 3.98 0.00	70.21 3.60 0.00	66.87 3.49 0.00	71.33 3.27 0.00	64.45 2.60 0.00
RAVENSWOOD_GT3_1 24248	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.90 2.38 0.00	45.27 2.40 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.04 2.80 0.00	49.31 2.70 0.00	48.98 2.86 0.00	48.84 2.94 0.00	56.77 3.36 0.00	61.62 3.54 0.00	73.48 3.76 0.00	83.69 4.14 0.00	76.56 3.85 0.00	74.92 3.91 0.00	70.14 3.53 0.00	66.87 3.49 0.00	71.26 3.20 0.00	64.39 2.54 0.00
RAVENSWOOD_GT3_2 24249	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.90 2.38 0.00	45.27 2.40 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.04 2.80 0.00	49.31 2.70 0.00	48.98 2.86 0.00	48.84 2.94 0.00	56.77 3.36 0.00	61.62 3.54 0.00	73.48 3.76 0.00	83.69 4.14 0.00	76.56 3.85 0.00	74.92 3.91 0.00	70.14 3.53 0.00	66.87 3.49 0.00	71.26 3.20 0.00	64.39 2.54 0.00
RAVENSWOOD_GT3_3 24250	54.21 3.07 0.00	50.56 2.77 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.78 2.51 0.00	49.07 2.78 0.00	54.12 3.16 0.00	53.98 3.10 0.00	52.29 3.01 0.00	51.13 2.89 0.00	49.36 2.75 0.00	49.03 2.91 0.00	48.89 2.98 0.00	56.83 3.42 0.00	61.68 3.60 0.00	73.62 3.90 0.00	83.77 4.22 0.00	76.63 3.93 0.00	75.07 4.05 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.40 3.34 0.00	64.51 2.66 0.00
RAVENSWOOD_GT3_4 24251	54.21 3.07 0.00	50.56 2.77 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.78 2.51 0.00	49.07 2.78 0.00	54.12 3.16 0.00	53.98 3.10 0.00	52.29 3.01 0.00	51.13 2.89 0.00	49.36 2.75 0.00	49.03 2.91 0.00	48.89 2.98 0.00	56.83 3.42 0.00	61.68 3.60 0.00	73.62 3.90 0.00	83.77 4.22 0.00	76.63 3.93 0.00	75.07 4.05 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.40 3.34 0.00	64.51 2.66 0.00
RAVENSWOOD_GT_1 23729	54.47 3.32 0.00	50.85 3.06 0.00	47.65 2.82 0.00	45.20 2.68 0.00	45.57 2.70 0.00	46.04 2.77 0.00	49.30 3.01 0.00	54.37 3.41 0.00	54.29 3.41 0.00	52.59 3.30 0.00	51.37 3.14 0.00	49.63 3.03 0.00	49.26 3.14 0.00	49.12 3.21 0.00	57.15 3.74 0.00	61.97 3.89 0.00	73.97 4.25 0.00	84.25 4.69 0.00	77.07 4.36 0.00	75.42 4.40 0.00	70.61 4.00 0.00	67.25 3.87 0.00	71.74 3.68 0.00	64.88 3.03 0.00
RAVENSWOOD_GT_10 24258	54.16 3.02 0.00	50.51 2.72 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.27 2.40 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.08 2.85 0.00	49.31 2.70 0.00	48.98 2.86 0.00	48.84 2.94 0.00	56.77 3.36 0.00	61.62 3.54 0.00	73.55 3.83 0.00	83.69 4.14 0.00	76.56 3.85 0.00	74.99 3.98 0.00	70.21 3.60 0.00	66.87 3.49 0.00	71.33 3.27 0.00	64.45 2.60 0.00
RAVENSWOOD_GT_11 24259	54.16 3.02 0.00	50.51 2.72 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.27 2.40 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.08 2.85 0.00	49.31 2.70 0.00	48.98 2.86 0.00	48.84 2.94 0.00	56.77 3.36 0.00	61.62 3.54 0.00	73.55 3.83 0.00	83.69 4.14 0.00	76.56 3.85 0.00	74.99 3.98 0.00	70.21 3.60 0.00	66.87 3.49 0.00	71.33 3.27 0.00	64.45 2.60 0.00
RAVENSWOOD_GT_4 24252	54.16 3.02 0.00	50.56 2.77 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.27 2.40 0.00	45.78 2.51 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.29 3.01 0.00	51.08 2.85 0.00	49.36 2.75 0.00	48.98 2.86 0.00	48.84 2.94 0.00	56.83 3.42 0.00	61.62 3.54 0.00	73.55 3.83 0.00	83.77 4.22 0.00	76.63 3.93 0.00	74.99 3.98 0.00	70.21 3.60 0.00	66.87 3.49 0.00	71.33 3.27 0.00	64.45 2.60 0.00
RAVENSWOOD_GT_5 24254	54.16 3.02 0.00	50.56 2.77 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.27 2.40 0.00	45.78 2.51 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.29 3.01 0.00	51.08 2.85 0.00	49.36 2.75 0.00	48.98 2.86 0.00	48.84 2.94 0.00	56.83 3.42 0.00	61.62 3.54 0.00	73.55 3.83 0.00	83.77 4.22 0.00	76.63 3.93 0.00	74.99 3.98 0.00	70.21 3.60 0.00	66.87 3.49 0.00	71.33 3.27 0.00	64.45 2.60 0.00
RAVENSWOOD_GT_6 24253	54.16 3.02 0.00	50.56 2.77 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.27 2.40 0.00	45.78 2.51 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.29 3.01 0.00	51.08 2.85 0.00	49.36 2.75 0.00	48.98 2.86 0.00	48.84 2.94 0.00	56.83 3.42 0.00	61.62 3.54 0.00	73.55 3.83 0.00	83.77 4.22 0.00	76.63 3.93 0.00	74.99 3.98 0.00	70.21 3.60 0.00	66.87 3.49 0.00	71.33 3.27 0.00	64.45 2.60 0.00
RAVENSWOOD_GT_7 24255	54.16 3.02 0.00	50.56 2.77 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.27 2.40 0.00	45.78 2.51 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.29 3.01 0.00	51.08 2.85 0.00	49.36 2.75 0.00	48.98 2.86 0.00	48.84 2.94 0.00	56.83 3.42 0.00	61.62 3.54 0.00	73.55 3.83 0.00	83.77 4.22 0.00	76.63 3.93 0.00	74.99 3.98 0.00	70.21 3.60 0.00	66.87 3.49 0.00	71.33 3.27 0.00	64.45 2.60 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	54.16 3.02 0.00	50.51 2.72 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.27 2.40 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.08 2.85 0.00	49.31 2.70 0.00	48.98 2.86 0.00	48.84 2.94 0.00	56.77 3.36 0.00	61.62 3.54 0.00	73.55 3.83 0.00	83.69 4.14 0.00	76.56 3.85 0.00	74.99 3.98 0.00	70.21 3.60 0.00	66.87 3.49 0.00	71.33 3.27 0.00	64.45 2.60 0.00
RAVENSWOOD_GT_9 24257	54.16 3.02 0.00	50.51 2.72 0.00	47.38 2.56 0.00	44.95 2.42 0.00	45.27 2.40 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.08 2.85 0.00	49.31 2.70 0.00	48.98 2.86 0.00	48.84 2.94 0.00	56.77 3.36 0.00	61.62 3.54 0.00	73.55 3.83 0.00	83.69 4.14 0.00	76.56 3.85 0.00	74.99 3.98 0.00	70.21 3.60 0.00	66.87 3.49 0.00	71.33 3.27 0.00	64.45 2.60 0.00

RAVENSWOOD___1 23533	54.53 3.37 -0.01	50.86 3.06 -0.01	47.66 2.83 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.05 2.77 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.29 3.41 -0.01	52.60 3.30 -0.01	51.43 3.18 -0.01	49.74 3.12 -0.01	49.31 3.18 -0.01	49.13 3.21 -0.01	57.16 3.74 -0.01	62.04 3.95 -0.01	74.05 4.32 -0.01	84.25 4.69 -0.01	77.08 4.36 -0.01	75.50 4.48 -0.01	70.68 4.06 -0.01	67.32 3.93 -0.01	71.81 3.74 -0.01	64.83 2.97 -0.01
RAVENSWOOD___2 23534	54.43 3.28 -0.01	50.81 3.01 -0.01	47.62 2.78 -0.01	45.17 2.64 -0.01	45.58 2.70 -0.01	46.01 2.73 -0.01	49.27 2.97 -0.01	54.38 3.41 -0.01	54.24 3.36 -0.01	52.55 3.25 -0.01	51.34 3.09 -0.01	49.69 3.08 -0.01	49.27 3.14 -0.01	49.08 3.17 -0.01	57.10 3.68 -0.01	61.92 3.83 -0.01	73.63 3.90 -0.01	83.70 4.13 -0.01	76.49 3.78 -0.01	75.07 4.05 -0.01	70.48 3.86 -0.01	67.19 3.80 -0.01	71.54 3.47 -0.01	64.77 2.91 -0.01
RAVENSWOOD___3 23535	54.16 3.02 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.95 2.42 0.00	45.31 2.44 0.00	45.74 2.47 0.00	49.03 2.73 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.24 2.96 0.00	51.08 2.85 0.00	49.40 2.80 0.00	48.98 2.86 0.00	48.85 2.94 0.00	56.78 3.37 0.00	61.63 3.54 0.00	73.55 3.83 0.00	83.69 4.13 0.00	76.56 3.85 0.00	74.99 3.97 0.00	70.20 3.59 0.00	66.86 3.48 0.00	71.26 3.20 0.00	64.39 2.54 0.00
RAVENSWOOD___4 23820	54.53 3.37 -0.01	50.90 3.10 -0.01	47.71 2.87 -0.01	45.25 2.72 -0.01	45.62 2.75 -0.01	46.09 2.81 -0.01	49.36 3.05 -0.01	54.43 3.47 -0.01	54.35 3.46 -0.01	52.65 3.35 -0.01	51.43 3.18 -0.01	49.74 3.12 -0.01	49.36 3.23 -0.01	49.17 3.26 -0.01	57.21 3.79 -0.01	62.04 3.95 -0.01	74.05 4.32 -0.01	84.25 4.69 -0.01	77.08 4.36 -0.01	75.50 4.48 -0.01	70.68 4.06 -0.01	67.32 3.93 -0.01	71.81 3.74 -0.01	64.89 3.03 -0.01
RCPL_TRUST___DRP 24196	54.11 2.97 0.00	50.46 2.68 0.00	47.29 2.47 0.00	44.86 2.34 0.00	45.23 2.36 0.00	45.69 2.42 0.00	48.98 2.69 0.00	54.01 3.06 0.00	53.88 3.00 0.00	52.19 2.91 0.00	51.04 2.80 0.00	49.26 2.66 0.00	48.93 2.81 0.00	48.80 2.89 0.00	56.72 3.31 0.00	61.57 3.48 0.00	73.48 3.76 0.00	83.61 4.06 0.00	76.49 3.78 0.00	74.92 3.91 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.26 3.20 0.00	64.39 2.54 0.00
RED___ROCHESTER 323720	48.23 -2.91 0.00	45.16 -2.63 0.00	42.36 -2.47 0.00	40.10 -2.42 0.00	40.55 -2.32 0.00	40.76 -2.51 0.00	43.43 -2.87 0.00	48.20 -2.75 0.00	48.13 -2.75 0.00	46.87 -2.41 0.00	45.88 -2.36 0.00	44.42 -2.19 0.00	43.67 -2.45 0.00	43.57 -2.34 0.00	50.53 -2.88 0.00	55.06 -3.02 0.00	66.37 -3.35 0.00	76.37 -3.18 0.00	70.09 -2.61 0.00	68.46 -2.55 0.00	64.35 -2.26 0.00	61.16 -2.22 0.00	66.23 -1.83 0.00	61.05 -0.81 0.00
REGAN___SOLAR 323812	53.86 2.71 0.00	50.27 2.48 0.00	47.25 2.42 0.00	44.78 2.25 0.00	45.05 2.19 0.00	45.61 2.34 0.00	48.56 2.27 0.00	53.50 2.55 0.00	53.06 2.19 0.00	50.86 1.58 0.00	49.44 1.21 0.00	47.72 1.12 0.00	47.37 1.25 0.00	47.42 1.51 0.00	55.65 2.24 0.00	61.27 3.19 0.00	74.12 4.40 0.00	84.49 4.93 0.00	77.43 4.72 0.00	75.63 4.61 0.00	70.74 4.13 0.00	67.18 3.80 0.00	72.08 4.01 0.00	65.31 3.46 0.00
RENSSELAER___COGEN 23796	53.24 2.10 0.00	49.70 1.91 0.00	46.62 1.80 0.00	44.27 1.74 0.00	44.58 1.72 0.00	45.05 1.77 0.00	48.10 1.80 0.00	52.38 1.42 0.00	52.25 1.37 0.00	50.66 1.38 0.00	49.54 1.30 0.00	47.86 1.26 0.00	47.46 1.34 0.00	47.28 1.38 0.00	55.01 1.60 0.00	59.65 1.57 0.00	71.39 1.67 0.00	81.06 1.51 0.00	74.16 1.45 0.00	72.51 1.49 0.00	68.14 1.53 0.00	64.90 1.52 0.00	69.63 1.57 0.00	63.02 1.17 0.00
REPUBLIC_115KV_BARTNBRK 55605	55.24 4.09 0.00	51.52 3.73 0.00	48.55 3.72 0.00	45.92 3.40 0.00	46.21 3.34 0.00	46.86 3.59 0.00	49.77 3.47 0.00	54.73 3.77 0.00	54.74 3.87 0.00	52.98 3.70 0.00	51.62 3.38 0.00	49.73 3.12 0.00	49.30 3.18 0.00	49.12 3.21 0.00	57.36 3.95 0.00	62.73 4.65 0.00	75.72 6.00 0.00	86.55 7.00 0.00	79.40 6.69 0.00	77.48 6.46 0.00	72.41 5.80 0.00	68.70 5.32 0.00	73.71 5.65 0.00	66.86 5.01 0.00
REVERE_CPPR_DRP 24186	52.17 1.02 0.00	48.89 1.10 0.00	45.95 1.12 0.00	43.50 0.98 0.00	43.77 0.90 0.00	44.18 0.91 0.00	47.27 0.97 0.00	52.23 1.27 0.00	52.15 1.27 0.00	50.62 1.33 0.00	49.59 1.35 0.00	47.82 1.21 0.00	47.37 1.25 0.00	47.15 1.24 0.00	54.80 1.39 0.00	59.65 1.57 0.00	71.95 2.23 0.00	82.18 2.63 0.00	75.03 2.33 0.00	73.29 2.27 0.00	68.81 2.20 0.00	65.47 2.09 0.00	70.17 2.11 0.00	64.08 2.23 0.00
REYNLDPA_13_KV_LD 356490	51.66 0.51 0.00	48.17 0.38 0.00	45.19 0.36 0.00	42.86 0.34 0.00	43.21 0.34 0.00	43.62 0.34 0.00	46.76 0.46 0.00	51.36 0.41 0.00	51.24 0.36 0.00	49.73 0.44 0.00	48.62 0.38 0.00	46.93 0.33 0.00	46.40 0.28 0.00	46.18 0.28 0.00	53.89 0.48 0.00	58.54 0.46 0.00	70.42 0.70 0.00	80.35 0.80 0.00	73.36 0.65 0.00	71.58 0.57 0.00	67.28 0.67 0.00	64.01 0.63 0.00	68.81 0.75 0.00	62.65 0.80 0.00
REYNOLDS_115KV_TB3 80639	53.40 2.25 0.00	49.89 2.10 0.00	46.80 1.97 0.00	44.39 1.87 0.00	44.71 1.84 0.00	45.18 1.90 0.00	48.24 1.94 0.00	52.74 1.78 0.00	52.61 1.73 0.00	51.01 1.72 0.00	49.93 1.69 0.00	48.19 1.58 0.00	47.78 1.66 0.00	47.61 1.70 0.00	55.39 1.98 0.00	60.11 2.03 0.00	71.95 2.23 0.00	81.70 2.15 0.00	74.82 2.11 0.00	73.15 2.13 0.00	68.61 2.00 0.00	65.34 1.96 0.00	70.11 2.04 0.00	63.52 1.67 0.00
RIVERBAY____ 323610	54.73 3.58 0.00	51.09 3.30 0.00	47.88 3.05 0.00	45.40 2.89 0.02	45.72 2.87 0.02	46.20 2.94 0.02	49.52 3.24 0.02	54.63 3.67 0.00	54.49 3.61 0.00	52.78 3.50 0.00	51.55 3.33 0.02	49.81 3.22 0.02	49.42 3.32 0.02	49.30 3.40 0.00	57.35 3.95 0.02	62.26 4.18 0.00	74.53 4.81 0.00	84.96 5.41 0.00	77.65 4.94 0.00	75.92 4.90 0.00	70.94 4.33 0.00	67.56 4.18 0.00	72.22 4.15 0.00	65.25 3.40 0.00
RIVERSDE_115KV_TB3 55908	53.40 2.25 0.00	49.84 2.05 0.00	46.76 1.93 0.00	44.35 1.83 0.00	44.71 1.84 0.00	45.13 1.86 0.00	48.24 1.94 0.00	52.59 1.63 0.00	52.45 1.58 0.00	50.86 1.58 0.00	49.78 1.54 0.00	48.05 1.44 0.00	47.64 1.52 0.00	47.51 1.61 0.00	55.23 1.82 0.00	59.94 1.86 0.00	71.74 2.02 0.00	81.46 1.91 0.00	74.53 1.82 0.00	72.93 1.92 0.00	68.41 1.80 0.00	65.15 1.77 0.00	69.97 1.91 0.00	63.40 1.55 0.00
ROARING___BROOK_WT_PWR 323790	49.71 -1.43 0.00	46.40 -1.39 0.00	43.57 -1.25 0.00	41.33 -1.19 0.00	41.67 -1.20 0.00	42.10 -1.17 0.00	45.05 -1.25 0.00	49.58 -1.37 0.00	49.51 -1.37 0.00	48.00 -1.28 0.00	46.98 -1.25 0.00	45.39 -1.21 0.00	44.92 -1.20 0.00	44.71 -1.19 0.00	52.13 -1.28 0.00	56.75 -1.33 0.00	68.19 -1.53 0.00	77.80 -1.75 0.00	71.18 -1.53 0.00	69.60 -1.42 0.00	65.48 -1.13 0.00	62.43 -0.95 0.00	67.32 -0.75 0.00	61.36 -0.50 0.00

ROCHESRG_115KV_T4 355643	47.67 -3.48 0.00	44.73 -3.06 0.00	41.91 -2.91 0.00	39.72 -2.81 0.00	40.12 -2.74 0.00	40.29 -2.99 0.00	42.92 -3.38 0.00	47.59 -3.36 0.00	47.47 -3.41 0.00	46.18 -3.10 0.00	45.20 -3.04 0.00	44.00 -2.61 0.00	43.08 -3.04 0.00	42.88 -3.03 0.00	49.72 -3.69 0.00	54.13 -3.95 0.00	65.26 -4.46 0.00	75.02 -4.53 0.00	68.85 -3.85 0.00	67.25 -3.76 0.00	63.28 -3.33 0.00	60.15 -3.23 0.00	65.20 -2.86 0.00	60.06 -1.79 0.00
ROCHESTER_9_IC 23652	48.03 -3.12 0.00	45.02 -2.77 0.00	42.18 -2.64 0.00	39.97 -2.55 0.00	40.38 -2.49 0.00	40.59 -2.68 0.00	43.24 -3.06 0.00	47.95 -3.01 0.00	47.87 -3.00 0.00	46.62 -2.66 0.00	45.63 -2.60 0.00	44.37 -2.24 0.00	43.45 -2.67 0.00	43.29 -2.62 0.00	50.21 -3.20 0.00	54.66 -3.43 0.00	65.96 -3.76 0.00	75.81 -3.74 0.00	69.58 -3.13 0.00	67.96 -3.05 0.00	63.95 -2.66 0.00	60.72 -2.66 0.00	65.82 -2.25 0.00	60.55 -1.30 0.00
ROCKVIEW_13_KV_LD 356306	54.11 2.97 0.00	50.56 2.77 0.00	47.38 2.56 0.00	44.90 2.38 0.00	45.27 2.40 0.00	45.74 2.47 0.00	48.98 2.69 0.00	54.07 3.11 0.00	53.93 3.05 0.00	52.29 3.01 0.00	51.08 2.85 0.00	49.36 2.75 0.00	48.98 2.86 0.00	48.84 2.94 0.00	56.83 3.42 0.00	61.68 3.60 0.00	73.76 4.04 0.00	83.93 4.38 0.00	76.78 4.07 0.00	75.14 4.12 0.00	70.27 3.66 0.00	66.93 3.55 0.00	71.40 3.34 0.00	64.57 2.72 0.00
ROME____115KV_TB2 80656	52.17 1.02 0.00	48.89 1.10 0.00	45.95 1.12 0.00	43.50 0.98 0.00	43.77 0.90 0.00	44.18 0.91 0.00	47.27 0.97 0.00	52.23 1.27 0.00	52.15 1.27 0.00	50.62 1.33 0.00	49.59 1.35 0.00	47.82 1.21 0.00	47.37 1.25 0.00	47.15 1.24 0.00	54.80 1.39 0.00	59.65 1.57 0.00	71.95 2.23 0.00	82.18 2.63 0.00	75.03 2.33 0.00	73.29 2.27 0.00	68.81 2.20 0.00	65.47 2.09 0.00	70.17 2.11 0.00	64.08 2.23 0.00
ROSETON___1 23587	53.45 2.30 0.00	49.94 2.15 0.00	46.80 1.97 0.00	44.44 1.92 0.00	44.80 1.93 0.00	45.22 1.95 0.00	48.43 2.13 0.00	53.30 2.35 0.00	53.17 2.29 0.00	51.51 2.22 0.00	50.36 2.12 0.00	48.70 2.10 0.00	48.29 2.17 0.00	48.11 2.20 0.00	55.97 2.56 0.00	60.70 2.62 0.00	72.65 2.93 0.00	82.65 3.10 0.00	75.54 2.83 0.00	73.93 2.91 0.00	69.21 2.60 0.00	65.92 2.54 0.00	70.51 2.45 0.00	63.71 1.85 0.00
ROSETON___2 23588	53.45 2.30 0.00	49.94 2.15 0.00	46.80 1.97 0.00	44.44 1.92 0.00	44.80 1.93 0.00	45.22 1.95 0.00	48.43 2.13 0.00	53.30 2.35 0.00	53.17 2.29 0.00	51.51 2.22 0.00	50.36 2.12 0.00	48.70 2.10 0.00	48.29 2.17 0.00	48.11 2.20 0.00	55.97 2.56 0.00	60.70 2.62 0.00	72.65 2.93 0.00	82.65 3.10 0.00	75.54 2.83 0.00	73.93 2.91 0.00	69.21 2.60 0.00	65.92 2.54 0.00	70.51 2.45 0.00	63.71 1.85 0.00
ROTRRDAM_115KV_TB3 80664	52.78 1.64 0.00	49.32 1.53 0.00	46.26 1.43 0.00	43.88 1.36 0.00	44.20 1.33 0.00	44.66 1.38 0.00	47.73 1.44 0.00	52.49 1.53 0.00	52.40 1.53 0.00	50.71 1.43 0.00	49.59 1.35 0.00	47.86 1.26 0.00	47.46 1.34 0.00	47.28 1.38 0.00	55.07 1.66 0.00	59.88 1.80 0.00	71.88 2.16 0.00	81.86 2.31 0.00	74.89 2.18 0.00	73.22 2.20 0.00	68.61 2.00 0.00	65.28 1.90 0.00	70.04 1.97 0.00	63.52 1.67 0.00
RUSSELL___1 23602	48.23 -2.92 0.00	45.16 -2.63 0.00	42.36 -2.47 0.00	40.14 -2.38 0.00	40.55 -2.31 0.00	40.76 -2.51 0.00	43.43 -2.87 0.00	48.15 -2.80 0.00	48.13 -2.75 0.00	46.87 -2.41 0.00	45.92 -2.32 0.00	44.60 -2.00 0.00	43.72 -2.40 0.00	43.57 -2.34 0.00	50.53 -2.88 0.00	55.00 -3.08 0.00	66.37 -3.35 0.00	76.37 -3.18 0.00	70.09 -2.62 0.00	68.39 -2.63 0.00	64.35 -2.26 0.00	61.16 -2.22 0.00	66.23 -1.84 0.00	60.86 -0.99 0.00
RUSSELL___2 23532	48.23 -2.92 0.00	45.16 -2.63 0.00	42.36 -2.47 0.00	40.14 -2.38 0.00	40.55 -2.31 0.00	40.76 -2.51 0.00	43.43 -2.87 0.00	48.15 -2.80 0.00	48.13 -2.75 0.00	46.87 -2.41 0.00	45.92 -2.32 0.00	44.60 -2.00 0.00	43.72 -2.40 0.00	43.57 -2.34 0.00	50.53 -2.88 0.00	55.00 -3.08 0.00	66.37 -3.35 0.00	76.37 -3.18 0.00	70.09 -2.62 0.00	68.39 -2.63 0.00	64.35 -2.26 0.00	61.16 -2.22 0.00	66.23 -1.84 0.00	60.86 -0.99 0.00
RUSSELL___3 23549	48.23 -2.92 0.00	45.16 -2.63 0.00	42.36 -2.47 0.00	40.14 -2.38 0.00	40.55 -2.31 0.00	40.76 -2.51 0.00	43.43 -2.87 0.00	48.15 -2.80 0.00	48.13 -2.75 0.00	46.87 -2.41 0.00	45.92 -2.32 0.00	44.60 -2.00 0.00	43.72 -2.40 0.00	43.57 -2.34 0.00	50.53 -2.88 0.00	55.00 -3.08 0.00	66.37 -3.35 0.00	76.37 -3.18 0.00	70.09 -2.62 0.00	68.39 -2.63 0.00	64.35 -2.26 0.00	61.16 -2.22 0.00	66.23 -1.84 0.00	60.86 -0.99 0.00
RUSSELL___4 23556	48.23 -2.92 0.00	45.16 -2.63 0.00	42.36 -2.47 0.00	40.14 -2.38 0.00	40.55 -2.31 0.00	40.76 -2.51 0.00	43.43 -2.87 0.00	48.15 -2.80 0.00	48.13 -2.75 0.00	46.87 -2.41 0.00	45.92 -2.32 0.00	44.60 -2.00 0.00	43.72 -2.40 0.00	43.57 -2.34 0.00	50.53 -2.88 0.00	55.00 -3.08 0.00	66.37 -3.35 0.00	76.37 -3.18 0.00	70.09 -2.62 0.00	68.39 -2.63 0.00	64.35 -2.26 0.00	61.16 -2.22 0.00	66.23 -1.84 0.00	60.86 -0.99 0.00
RUSSELL___STATION 23914	48.23 -2.92 0.00	45.16 -2.63 0.00	42.36 -2.47 0.00	40.14 -2.38 0.00	40.55 -2.31 0.00	40.76 -2.51 0.00	43.43 -2.87 0.00	48.15 -2.80 0.00	48.13 -2.75 0.00	46.87 -2.41 0.00	45.92 -2.32 0.00	44.60 -2.00 0.00	43.72 -2.40 0.00	43.57 -2.34 0.00	50.53 -2.88 0.00	55.00 -3.08 0.00	66.37 -3.35 0.00	76.37 -3.18 0.00	70.09 -2.62 0.00	68.39 -2.63 0.00	64.35 -2.26 0.00	61.16 -2.22 0.00	66.23 -1.84 0.00	60.86 -0.99 0.00
S SALMON___HYD 24043	50.12 -1.02 0.00	46.98 -0.81 0.00	44.11 -0.72 0.00	41.76 -0.76 0.00	42.05 -0.82 0.00	42.41 -0.87 0.00	45.37 -0.93 0.00	50.04 -0.92 0.00	50.01 -0.87 0.00	48.49 -0.79 0.00	47.52 -0.72 0.00	46.00 -0.61 0.00	45.52 -0.60 0.00	45.31 -0.60 0.00	52.55 -0.86 0.00	57.27 -0.81 0.00	69.09 -0.63 0.00	78.84 -0.72 0.00	71.91 -0.80 0.00	70.24 -0.78 0.00	65.94 -0.67 0.00	62.87 -0.51 0.00	67.59 -0.47 0.00	61.61 -0.25 0.00
S.PERRY__115KV_TB1 80734	49.30 -1.84 0.00	46.26 -1.53 0.00	43.35 -1.48 0.00	41.12 -1.40 0.00	41.54 -1.33 0.00	41.80 -1.47 0.00	44.58 -1.71 0.00	49.53 -1.43 0.00	51.89 -1.37 -2.39	47.95 -1.33 0.00	46.84 -1.40 0.00	45.39 -1.21 0.00	48.46 -1.66 -4.00	48.46 -1.65 -4.20	64.35 -2.08 -13.02	83.98 -2.03 -27.93	70.64 -1.46 -2.39	78.92 -0.64 0.00	72.56 -0.15 0.00	70.80 -0.21 0.00	66.68 0.07 0.00	63.25 -0.13 0.00	68.54 0.48 0.00	63.09 1.24 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	45.72 -5.42 0.00	43.01 -4.78 0.00	40.30 -4.53 0.00	38.23 -4.29 0.00	38.58 -4.29 0.00	38.38 -4.89 0.00	40.74 -5.56 0.00	45.15 -5.81 0.00	44.24 -5.95 0.68	43.62 -5.67 0.00	42.69 -5.55 0.00	41.81 -4.80 0.00	39.72 -5.26 1.14	39.38 -5.33 1.20	42.90 -6.78 3.73	42.65 -7.43 8.00	60.81 -8.23 0.68	70.88 -8.67 0.00	65.22 -7.49 0.00	63.92 -7.10 0.00	60.22 -6.39 0.00	57.42 -5.96 0.00	63.09 -4.97 0.00	59.19 -2.66 0.00

SAWYER___23_KV_LOAD 55526	45.72 -5.42 0.00	43.01 -4.78 0.00	40.30 -4.53 0.00	38.23 -4.29 0.00	38.58 -4.29 0.00	38.38 -4.89 0.00	40.74 -5.56 0.00	45.15 -5.81 0.00	44.24 -5.95 0.68	43.62 -5.67 0.00	42.69 -5.55 0.00	41.81 -4.80 0.00	39.72 -5.26 1.14	39.38 -5.33 1.20	42.90 -6.78 3.73	42.65 -7.43 8.00	60.81 -8.23 0.68	70.88 -8.67 0.00	65.22 -7.49 0.00	63.92 -7.10 0.00	60.22 -6.39 0.00	57.42 -5.96 0.00	63.09 -4.97 0.00	59.19 -2.66 0.00
SELKIRK___I 23801	53.29 2.15 0.00	49.80 2.01 0.00	46.71 1.88 0.00	44.31 1.79 0.00	44.67 1.80 0.00	45.09 1.82 0.00	48.15 1.85 0.00	52.64 1.68 0.00	52.46 1.58 0.00	50.76 1.48 0.00	49.64 1.40 0.00	47.96 1.35 0.00	47.50 1.38 0.00	47.38 1.47 0.00	55.17 1.76 0.00	60.00 1.91 0.00	71.81 2.09 0.00	81.70 2.15 0.00	74.82 2.11 0.00	73.15 2.13 0.00	68.61 2.00 0.00	65.35 1.97 0.00	70.10 2.04 0.00	63.52 1.67 0.00
SELKIRK___II 23799	52.94 1.79 0.00	49.46 1.67 0.00	46.40 1.57 0.00	44.05 1.53 0.00	44.37 1.50 0.00	44.78 1.51 0.00	47.87 1.57 0.00	52.33 1.38 0.00	52.20 1.32 0.00	50.56 1.28 0.00	49.49 1.25 0.00	47.82 1.21 0.00	47.37 1.25 0.00	47.19 1.28 0.00	54.90 1.49 0.00	59.59 1.51 0.00	71.32 1.60 0.00	81.06 1.51 0.00	74.24 1.53 0.00	72.51 1.49 0.00	68.07 1.46 0.00	64.84 1.46 0.00	69.56 1.50 0.00	63.02 1.17 0.00
SENECA OSWGO___HYD 24041	49.35 -1.79 0.00	46.21 -1.58 0.00	43.35 -1.48 0.00	41.12 -1.40 0.00	41.45 -1.41 0.00	41.80 -1.47 0.00	44.72 -1.57 0.00	49.38 -1.58 0.00	49.40 -1.48 0.00	47.81 -1.48 0.00	46.84 -1.40 0.00	45.30 -1.30 0.00	44.78 -1.34 0.00	44.57 -1.33 0.00	51.70 -1.71 0.00	56.22 -1.86 0.00	67.63 -2.09 0.00	77.33 -2.23 0.00	70.75 -1.96 0.00	69.17 -1.85 0.00	64.88 -1.73 0.00	61.61 -1.77 0.00	66.23 -1.83 0.00	60.24 -1.61 0.00
SENECA___115KV_TB3 355854	46.19 -4.96 0.00	43.44 -4.35 0.00	40.71 -4.12 0.00	38.57 -3.95 0.00	39.05 -3.82 0.00	38.73 -4.54 0.00	41.16 -5.14 0.00	45.61 -5.35 0.00	44.65 -5.54 0.68	44.06 -5.23 0.00	43.12 -5.11 0.00	41.85 -4.75 0.00	40.09 -4.89 1.14	39.75 -4.96 1.20	43.18 -6.52 3.71	42.91 -7.20 7.97	61.44 -7.60 0.68	71.76 -7.79 0.00	66.02 -6.69 0.00	64.77 -6.25 0.00	60.95 -5.66 0.00	58.06 -5.32 0.00	63.84 -4.22 0.00	60.19 -1.67 0.00
SENECA___ENERGY 23797	49.46 -1.69 0.00	46.40 -1.39 0.00	43.44 -1.39 0.00	41.20 -1.32 0.00	41.58 -1.28 0.00	41.93 -1.34 0.00	44.81 -1.48 0.00	49.58 -1.37 0.00	49.72 -1.32 -0.16	48.00 -1.28 0.00	46.98 -1.25 0.00	45.39 -1.21 0.00	45.10 -1.29 -0.27	44.91 -1.29 -0.29	52.54 -1.76 -0.89	57.96 -2.03 -1.91	67.86 -2.02 -0.16	77.73 -1.83 0.00	71.18 -1.53 0.00	69.60 -1.42 0.00	65.28 -1.33 0.00	61.92 -1.46 0.00	66.77 -1.30 0.00	61.17 -0.68 0.00
SHOEMAKER___GT 23640	53.09 1.94 0.00	49.60 1.82 0.00	46.49 1.66 0.00	44.14 1.62 0.00	44.50 1.63 0.00	44.92 1.64 0.00	48.01 1.71 0.00	52.89 1.94 0.00	52.76 1.88 0.00	51.06 1.77 0.00	49.88 1.64 0.00	48.24 1.63 0.00	47.83 1.71 0.00	47.65 1.74 0.00	55.44 2.03 0.00	60.23 2.15 0.00	72.16 2.44 0.00	82.26 2.71 0.00	75.25 2.54 0.00	73.50 2.48 0.00	68.88 2.27 0.00	65.54 2.16 0.00	70.04 1.98 0.00	63.33 1.48 0.00
SHOEMAKR_138KV_BK 111 55601	53.04 1.89 0.00	49.56 1.77 0.00	46.49 1.66 0.00	44.14 1.62 0.00	44.45 1.59 0.00	44.92 1.64 0.00	48.01 1.71 0.00	52.89 1.94 0.00	52.76 1.88 0.00	51.06 1.77 0.00	49.93 1.69 0.00	48.19 1.58 0.00	47.83 1.71 0.00	47.65 1.74 0.00	55.44 2.03 0.00	60.23 2.15 0.00	72.16 2.44 0.00	82.18 2.63 0.00	75.18 2.47 0.00	73.50 2.49 0.00	68.81 2.20 0.00	65.47 2.09 0.00	70.04 1.97 0.00	63.34 1.48 0.00
SHOREHAM_IC_1 23715	56.47 5.32 -0.01	52.67 4.88 -0.01	49.22 4.40 0.00	46.43 3.91 0.00	46.98 4.12 0.00	47.38 4.11 0.00	50.93 4.63 -0.01	56.21 5.25 -0.01	55.91 5.04 0.00	53.92 4.63 0.00	52.78 4.53 -0.01	50.99 4.38 -0.01	50.56 4.43 -0.01	50.42 4.50 -0.01	58.77 5.34 -0.02	68.12 5.70 -4.34	108.99 6.90 -32.37	120.23 7.80 -32.87	119.45 7.20 -39.55	116.07 7.17 -37.89	106.55 6.46 -33.48	91.64 6.28 -21.98	74.67 6.60 -0.01	67.55 5.69 -0.01
SHOREHAM_IC_2 23716	56.47 5.32 0.00	52.66 4.87 0.00	49.22 4.39 0.00	46.44 3.91 0.00	46.94 4.07 0.00	47.38 4.11 0.00	50.92 4.63 0.00	56.21 5.25 0.00	55.91 5.04 0.00	53.92 4.63 0.00	52.77 4.53 0.00	50.94 4.33 0.00	50.55 4.43 0.00	50.45 4.54 0.00	58.77 5.34 -0.02	68.17 5.75 -4.34	108.99 6.90 -32.37	120.30 7.88 -32.87	119.45 7.20 -39.55	116.08 7.17 -37.89	106.55 6.46 -33.48	91.64 6.27 -21.98	74.67 6.60 0.00	67.48 5.63 0.00
SISSONVILLE____ 23735	51.86 0.72 0.00	48.36 0.57 0.00	45.41 0.58 0.00	42.99 0.47 0.00	43.30 0.43 0.00	43.70 0.43 0.00	46.85 0.56 0.00	51.52 0.56 0.00	51.39 0.51 0.00	49.93 0.64 0.00	48.82 0.58 0.00	47.12 0.51 0.00	46.58 0.46 0.00	46.37 0.46 0.00	54.16 0.75 0.00	58.84 0.76 0.00	70.63 0.91 0.00	80.75 1.19 0.00	73.65 0.95 0.00	71.87 0.85 0.00	67.88 1.27 0.00	64.52 1.14 0.00	69.29 1.23 0.00	63.27 1.42 0.00
SITHE_IND_GS1 24169	48.85 -2.30 0.00	45.74 -2.05 0.00	42.86 -1.97 0.00	40.65 -1.87 0.00	41.03 -1.84 0.00	41.37 -1.90 0.00	44.26 -2.04 0.00	48.82 -2.14 0.00	48.79 -2.09 0.00	47.22 -2.07 0.00	46.26 -1.98 0.00	44.69 -1.91 0.00	44.18 -1.94 0.00	44.02 -1.88 0.00	51.06 -2.35 0.00	55.53 -2.55 0.00	66.72 -3.00 0.00	76.21 -3.34 0.00	69.72 -2.98 0.00	68.10 -2.91 0.00	63.88 -2.73 0.00	60.78 -2.60 0.00	65.34 -2.72 0.00	59.50 -2.35 0.00
SITHE_IND_GS2 24170	48.85 -2.30 0.00	45.74 -2.05 0.00	42.86 -1.97 0.00	40.65 -1.87 0.00	41.03 -1.84 0.00	41.37 -1.90 0.00	44.26 -2.04 0.00	48.82 -2.14 0.00	48.79 -2.09 0.00	47.22 -2.07 0.00	46.26 -1.98 0.00	44.69 -1.91 0.00	44.18 -1.94 0.00	44.02 -1.88 0.00	51.06 -2.35 0.00	55.53 -2.55 0.00	66.72 -3.00 0.00	76.21 -3.34 0.00	69.72 -2.98 0.00	68.10 -2.91 0.00	63.88 -2.73 0.00	60.78 -2.60 0.00	65.34 -2.72 0.00	59.50 -2.35 0.00
SITHE_IND_GS3 24171	48.85 -2.30 0.00	45.74 -2.05 0.00	42.86 -1.97 0.00	40.65 -1.87 0.00	41.03 -1.84 0.00	41.37 -1.90 0.00	44.26 -2.04 0.00	48.82 -2.14 0.00	48.79 -2.09 0.00	47.22 -2.07 0.00	46.26 -1.98 0.00	44.69 -1.91 0.00	44.18 -1.94 0.00	44.02 -1.88 0.00	51.06 -2.35 0.00	55.53 -2.55 0.00	66.72 -3.00 0.00	76.21 -3.34 0.00	69.72 -2.98 0.00	68.10 -2.91 0.00	63.88 -2.73 0.00	60.78 -2.60 0.00	65.34 -2.72 0.00	59.50 -2.35 0.00
SITHE_IND_GS4 24172	48.85 -2.30 0.00	45.74 -2.05 0.00	42.86 -1.97 0.00	40.65 -1.87 0.00	41.03 -1.84 0.00	41.37 -1.90 0.00	44.26 -2.04 0.00	48.82 -2.14 0.00	48.79 -2.09 0.00	47.22 -2.07 0.00	46.26 -1.98 0.00	44.69 -1.91 0.00	44.18 -1.94 0.00	44.02 -1.88 0.00	51.06 -2.35 0.00	55.53 -2.55 0.00	66.72 -3.00 0.00	76.21 -3.34 0.00	69.72 -2.98 0.00	68.10 -2.91 0.00	63.88 -2.73 0.00	60.78 -2.60 0.00	65.34 -2.72 0.00	59.50 -2.35 0.00

SITHE___BATAVIA 24024	47.41 -3.73 0.00	44.44 -3.35 0.00	41.74 -3.09 0.00	39.46 -3.06 0.00	40.00 -2.87 0.00	39.98 -3.29 0.00	42.36 -3.94 0.00	47.08 -3.87 0.00	46.60 -3.92 0.36	45.54 -3.75 0.00	44.48 -3.76 0.00	43.06 -3.54 0.00	42.06 -3.46 0.60	41.83 -3.44 0.63	47.13 -4.32 1.96	49.28 -4.59 4.21	64.06 -5.30 0.36	74.30 -5.25 0.00	68.42 -4.29 0.00	66.83 -4.19 0.00	62.95 -3.66 0.00	59.83 -3.55 0.00	65.41 -2.66 0.00	61.36 -0.50 0.00
SITHE___INDEPEND 23800	48.84 -2.30 0.00	45.73 -2.05 0.00	42.86 -1.97 0.00	40.69 -1.83 0.00	41.02 -1.84 0.00	41.37 -1.90 0.00	44.26 -2.04 0.00	48.82 -2.14 0.00	48.79 -2.09 0.00	47.22 -2.07 0.00	46.26 -1.98 0.00	44.69 -1.91 0.00	44.18 -1.94 0.00	44.02 -1.88 0.00	51.06 -2.35 0.00	55.53 -2.56 0.00	66.72 -3.00 0.00	76.21 -3.34 0.00	69.73 -2.98 0.00	68.11 -2.91 0.00	63.88 -2.73 0.00	60.78 -2.60 0.00	65.34 -2.72 0.00	59.44 -2.41 0.00
SITHE___MASSENA 23902	51.86 0.72 0.00	48.36 0.58 0.00	45.37 0.54 0.00	43.04 0.51 0.00	43.34 0.47 0.00	43.75 0.48 0.00	46.90 0.60 0.00	51.57 0.61 0.00	51.44 0.56 0.00	49.92 0.64 0.00	48.82 0.58 0.00	47.12 0.51 0.00	46.58 0.46 0.00	46.37 0.46 0.00	54.16 0.75 0.00	58.83 0.75 0.00	70.70 0.98 0.00	80.82 1.27 0.00	73.80 1.09 0.00	72.01 0.99 0.00	67.74 1.13 0.00	64.33 0.95 0.00	69.15 1.09 0.00	63.02 1.17 0.00
SITHE___OGDNSBRG 24021	52.58 1.43 0.00	49.03 1.24 0.00	46.04 1.21 0.00	43.63 1.11 0.00	43.90 1.03 0.00	44.31 1.04 0.00	47.50 1.20 0.00	52.23 1.27 0.00	52.10 1.22 0.00	50.57 1.28 0.00	49.40 1.16 0.00	47.68 1.07 0.00	47.09 0.97 0.00	46.92 1.01 0.00	54.80 1.39 0.00	59.65 1.57 0.00	71.88 2.16 0.00	82.18 2.63 0.00	74.96 2.25 0.00	73.15 2.13 0.00	68.87 2.26 0.00	65.47 2.09 0.00	70.31 2.25 0.00	64.14 2.29 0.00
SITHE___STERLING 23777	51.81 0.66 0.00	48.60 0.81 0.00	45.64 0.81 0.00	43.25 0.72 0.00	43.51 0.64 0.00	43.96 0.69 0.00	47.03 0.74 0.00	51.98 1.02 0.00	51.89 1.02 0.00	50.27 0.99 0.00	49.25 1.01 0.00	47.54 0.93 0.00	47.04 0.92 0.00	46.87 0.97 0.00	54.42 1.01 0.00	59.24 1.16 0.00	71.32 1.60 0.00	81.38 1.83 0.00	74.38 1.67 0.00	72.65 1.63 0.00	68.21 1.60 0.00	64.84 1.46 0.00	69.56 1.50 0.00	63.46 1.61 0.00
SLEIGHT__34_KV_TB1 80719	48.59 -2.56 0.00	45.59 -2.20 0.00	42.68 -2.15 0.00	40.48 -2.04 0.00	40.90 -1.97 0.00	41.19 -2.08 0.00	43.98 -2.31 0.00	48.71 -2.24 0.00	48.69 -2.19 0.00	47.36 -1.92 0.00	46.36 -1.88 0.00	44.97 -1.63 0.00	44.18 -1.94 0.00	43.98 -1.93 0.00	51.06 -2.35 0.00	55.58 -2.50 0.00	67.00 -2.72 0.00	76.93 -2.63 0.00	70.53 -2.18 0.00	68.89 -2.13 0.00	64.68 -1.93 0.00	61.42 -1.96 0.00	66.36 -1.70 0.00	60.62 -1.24 0.00
SMITHTWN_69_KV_BK 1 55830	56.16 5.01 0.00	52.38 4.59 0.00	48.95 4.12 0.00	46.22 3.70 0.00	46.73 3.86 0.00	47.17 3.89 0.00	50.69 4.40 0.00	55.95 4.99 0.00	55.71 4.83 0.00	53.72 4.44 0.00	52.63 4.39 0.00	50.80 4.19 0.00	50.46 4.34 0.00	50.31 4.41 0.00	58.61 5.18 -0.02	67.94 5.52 -4.34	108.64 6.55 -32.37	119.74 7.32 -32.87	119.02 6.76 -39.55	115.65 6.75 -37.89	106.15 6.06 -33.48	91.26 5.89 -21.98	74.26 6.19 0.00	67.11 5.26 0.00
SOUTH CAIRO___GT 23612	55.08 3.94 0.00	51.37 3.58 0.00	48.10 3.27 0.00	45.75 3.23 0.00	45.91 3.04 0.00	46.43 3.16 0.00	49.35 3.06 0.00	53.76 2.80 0.00	53.62 2.75 0.00	51.80 2.51 0.00	50.31 2.07 0.00	48.42 1.82 0.00	48.15 2.03 0.00	48.16 2.25 0.00	56.29 2.88 0.00	61.39 3.31 0.00	74.11 4.39 0.00	84.88 5.33 0.00	77.58 4.87 0.00	75.63 4.62 0.00	70.87 4.26 0.00	67.31 3.93 0.00	71.94 3.88 0.00	65.01 3.15 0.00
SOUTH HAMPTN___IC 23720	56.98 5.83 -0.01	53.20 5.40 -0.01	49.67 4.84 0.00	46.86 4.34 0.00	47.41 4.54 0.00	47.81 4.54 0.00	51.40 5.09 -0.01	56.72 5.76 -0.01	56.37 5.50 0.00	54.36 5.08 0.00	53.26 5.02 -0.01	51.46 4.85 -0.01	50.97 4.84 -0.01	50.87 4.96 -0.01	59.25 5.82 -0.02	68.70 6.27 -4.34	109.69 7.60 -32.37	121.18 8.75 -32.87	120.32 8.07 -39.55	116.93 8.02 -37.89	107.28 7.20 -33.48	92.33 6.97 -21.98	75.36 7.29 -0.01	68.23 6.37 -0.01
SOUTHDOW_115KV_TB1 355954	46.95 -4.19 0.00	44.11 -3.68 0.00	40.66 -4.17 0.00	38.61 -3.91 0.00	38.92 -3.94 0.00	38.55 -4.72 0.00	41.11 -5.19 0.00	45.61 -5.35 0.00	45.23 -5.29 0.36	44.36 -4.93 0.00	43.56 -4.68 0.00	42.46 -4.15 0.00	40.96 -4.57 0.59	40.51 -4.77 0.62	44.96 -6.52 1.93	46.67 -7.26 4.15	63.58 -5.79 0.36	74.22 -5.33 0.00	68.35 -4.36 0.00	66.97 -4.05 0.00	63.08 -3.53 0.00	59.96 -3.42 0.00	65.89 -2.18 0.00	61.36 -0.49 0.00
SOUTHOLD_69_KV_BK 2 55809	57.74 6.60 0.00	53.95 6.16 0.00	50.34 5.51 0.00	47.46 4.93 0.00	48.01 5.14 0.00	48.42 5.15 0.00	52.08 5.79 0.00	57.48 6.52 0.00	57.13 6.26 0.00	55.05 5.77 0.00	53.88 5.64 0.00	52.01 5.41 0.00	51.61 5.49 0.00	51.51 5.60 0.00	60.00 6.57 -0.02	69.51 7.09 -4.34	110.94 8.85 -32.37	122.69 10.26 -32.87	121.71 9.45 -39.55	118.28 9.37 -37.89	108.48 8.39 -33.48	93.48 8.11 -21.98	76.44 8.37 0.00	69.21 7.36 0.00
SOUTHOLD___IC 23719	57.75 6.60 -0.01	53.96 6.17 -0.01	50.34 5.51 0.00	47.45 4.93 0.00	48.05 5.18 0.00	48.42 5.15 0.00	52.09 5.79 -0.01	57.49 6.52 -0.01	57.13 6.26 0.00	55.05 5.76 0.00	53.94 5.69 -0.01	52.06 5.45 -0.01	51.61 5.49 -0.01	51.47 5.55 -0.01	59.99 6.57 -0.02	69.51 7.08 -4.34	110.94 8.86 -32.37	122.69 10.27 -32.87	121.70 9.45 -39.55	118.28 9.37 -37.89	108.48 8.39 -33.48	93.48 8.11 -21.98	76.44 8.37 -0.01	69.28 7.42 -0.01
SOUTH_FORK_WT_PWR 323839	57.80 6.65 -0.01	54.01 6.21 -0.01	50.34 5.51 0.00	47.50 4.97 0.00	48.10 5.23 0.00	48.46 5.19 0.00	52.14 5.83 -0.01	57.49 6.52 -0.01	57.13 6.26 0.00	55.05 5.76 0.00	53.94 5.69 -0.01	52.06 5.45 -0.01	51.61 5.49 -0.01	51.47 5.55 -0.01	59.99 6.57 -0.02	69.51 7.08 -4.34	110.94 8.86 -32.37	122.69 10.27 -32.87	121.70 9.45 -39.55	118.28 9.37 -37.89	108.55 8.46 -33.48	93.48 8.11 -21.98	76.51 8.44 -0.01	69.34 7.48 -0.01
SPIERFLS_115KV_TB 1 80737	53.35 2.20 0.00	49.80 2.01 0.00	46.85 2.02 0.00	44.39 1.87 0.00	44.71 1.84 0.00	45.22 1.95 0.00	48.15 1.85 0.00	52.94 1.99 0.00	52.91 2.04 0.00	51.21 1.92 0.00	50.02 1.78 0.00	48.24 1.63 0.00	47.78 1.66 0.00	47.61 1.70 0.00	55.44 2.03 0.00	60.41 2.32 0.00	72.65 2.93 0.00	82.81 3.26 0.00	75.83 3.13 0.00	74.07 3.05 0.00	69.34 2.73 0.00	65.98 2.60 0.00	70.85 2.79 0.00	64.26 2.41 0.00
ST LAWRENCE____ 23600	51.15 0.00 0.00	47.69 -0.10 0.00	44.78 -0.04 0.00	42.44 -0.08 0.00	42.78 -0.09 0.00	43.18 -0.09 0.00	46.25 -0.05 0.00	50.86 -0.10 0.00	50.77 -0.10 0.00	49.24 -0.05 0.00	48.14 -0.10 0.00	46.51 -0.09 0.00	45.98 -0.14 0.00	45.77 -0.14 0.00	53.41 0.00 0.00	58.08 0.00 0.00	69.79 0.07 0.00	79.71 0.16 0.00	72.78 0.07 0.00	71.02 0.00 0.00	66.68 0.07 0.00	63.44 0.06 0.00	68.13 0.07 0.00	61.98 0.12 0.00

STATE_CA_115KV_115_LB 55624	53.55 2.40 0.00	49.99 2.20 0.00	46.89 2.06 0.00	44.48 1.96 0.00	44.80 1.93 0.00	45.26 1.99 0.00	48.38 2.08 0.00	52.59 1.63 0.00	52.45 1.58 0.00	50.91 1.63 0.00	49.78 1.54 0.00	48.10 1.49 0.00	47.69 1.57 0.00	47.51 1.61 0.00	55.28 1.87 0.00	60.00 1.92 0.00	71.74 2.02 0.00	81.46 1.91 0.00	74.60 1.89 0.00	72.93 1.92 0.00	68.48 1.87 0.00	65.22 1.84 0.00	69.97 1.91 0.00	63.46 1.61 0.00
STATE_ST_34_KV_LOAD 55959	50.17 -0.97 0.00	47.07 -0.72 0.00	44.07 -0.76 0.00	41.84 -0.68 0.00	42.18 -0.69 0.00	42.58 -0.69 0.00	45.55 -0.74 0.00	50.35 -0.61 0.00	50.37 -0.51 0.00	48.79 -0.49 0.00	47.80 -0.43 0.00	46.23 -0.37 0.00	45.61 -0.51 0.00	45.40 -0.50 0.00	52.66 -0.75 0.00	57.27 -0.81 0.00	69.09 -0.63 0.00	79.16 -0.40 0.00	72.49 -0.22 0.00	70.88 -0.14 0.00	66.41 -0.20 0.00	63.00 -0.38 0.00	67.72 -0.34 0.00	61.60 -0.25 0.00
STATION_5_MISC_HYD 23604	48.02 -3.12 0.00	45.02 -2.77 0.00	42.18 -2.64 0.00	39.93 -2.60 0.00	40.38 -2.49 0.00	40.59 -2.68 0.00	43.24 -3.06 0.00	47.95 -3.01 0.00	47.87 -3.00 0.00	46.62 -2.66 0.00	45.63 -2.61 0.00	44.13 -2.47 0.00	43.44 -2.68 0.00	43.29 -2.61 0.00	50.21 -3.20 0.00	54.71 -3.37 0.00	65.89 -3.83 0.00	75.82 -3.74 0.00	69.58 -3.12 0.00	67.97 -3.05 0.00	63.94 -2.67 0.00	60.72 -2.66 0.00	65.82 -2.24 0.00	60.74 -1.11 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	48.79 -2.35 0.00	45.78 -2.01 0.00	42.90 -1.93 0.00	40.65 -1.87 0.00	41.07 -1.80 0.00	41.37 -1.90 0.00	44.17 -2.13 0.00	48.92 -2.04 0.00	48.89 -1.98 0.00	47.51 -1.77 0.00	46.55 -1.69 0.00	45.11 -1.49 0.00	44.28 -1.84 0.00	44.12 -1.79 0.00	51.17 -2.24 0.00	55.58 -2.50 0.00	67.14 -2.58 0.00	77.09 -2.47 0.00	70.74 -1.96 0.00	69.03 -1.99 0.00	64.88 -1.73 0.00	61.61 -1.77 0.00	66.57 -1.50 0.00	60.92 -0.93 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	47.82 -3.32 0.00	44.83 -2.96 0.00	42.00 -2.82 0.00	39.84 -2.68 0.00	40.25 -2.61 0.00	40.46 -2.81 0.00	43.10 -3.19 0.00	47.80 -3.16 0.00	47.72 -3.15 0.00	46.48 -2.81 0.00	45.49 -2.75 0.00	44.18 -2.42 0.00	43.31 -2.81 0.00	43.15 -2.75 0.00	50.05 -3.36 0.00	54.48 -3.60 0.00	65.68 -4.04 0.00	75.50 -4.06 0.00	69.29 -3.42 0.00	67.61 -3.41 0.00	63.61 -3.00 0.00	60.46 -2.92 0.00	65.48 -2.59 0.00	60.12 -1.73 0.00
STA_56___34_KV_BUS2 355983	47.82 -3.32 0.00	44.83 -2.96 0.00	42.00 -2.82 0.00	39.84 -2.68 0.00	40.25 -2.61 0.00	40.46 -2.81 0.00	43.10 -3.19 0.00	47.80 -3.16 0.00	47.72 -3.15 0.00	46.48 -2.81 0.00	45.49 -2.75 0.00	44.18 -2.42 0.00	43.31 -2.81 0.00	43.15 -2.75 0.00	50.05 -3.36 0.00	54.48 -3.60 0.00	65.68 -4.04 0.00	75.50 -4.06 0.00	69.29 -3.42 0.00	67.61 -3.41 0.00	63.61 -3.00 0.00	60.46 -2.92 0.00	65.48 -2.59 0.00	60.12 0.00 0.00
STA_67___115KV_BK2 355882	47.92 -3.22 0.00	44.92 -2.87 0.00	42.09 -2.73 0.00	39.93 -2.59 0.00	40.34 -2.53 0.00	40.50 -2.77 0.00	43.15 -3.15 0.00	47.85 -3.11 0.00	47.77 -3.10 0.00	46.53 -2.76 0.00	45.54 -2.70 0.00	44.28 -2.33 0.00	43.35 -2.77 0.00	43.20 -2.71 0.00	50.10 -3.31 0.00	54.54 -3.54 0.00	65.75 -3.97 0.00	75.58 -3.98 0.00	69.44 -3.27 0.00	67.75 -3.27 0.00	63.75 -2.86 0.00	60.59 -2.79 0.00	65.68 -2.38 0.00	60.43 -1.42 0.00
STA_7___115KV_9TRANS 80674	48.23 -2.92 0.00	45.16 -2.63 0.00	42.36 -2.47 0.00	40.14 -2.38 0.00	40.55 -2.31 0.00	40.76 -2.51 0.00	43.43 -2.87 0.00	48.15 -2.80 0.00	48.13 -2.75 0.00	46.87 -2.41 0.00	45.92 -2.32 0.00	44.60 -2.00 0.00	43.72 -2.40 0.00	43.57 -2.34 0.00	50.53 -2.88 0.00	55.00 -3.08 0.00	66.37 -3.35 0.00	76.37 -3.18 0.00	70.09 -2.62 0.00	68.39 -2.63 0.00	64.35 -2.26 0.00	61.16 -2.22 0.00	66.23 -1.84 0.00	60.86 -0.99 0.00
STA_82___115KV_TB1 80780	47.87 -3.27 0.00	44.87 -2.92 0.00	42.09 -2.73 0.00	39.89 -2.64 0.00	40.30 -2.57 0.00	40.50 -2.77 0.00	43.15 -3.15 0.00	47.80 -3.16 0.00	47.72 -3.15 0.00	46.48 -2.81 0.00	45.49 -2.75 0.00	44.23 -2.38 0.00	43.31 -2.81 0.00	43.15 -2.75 0.00	50.05 -3.36 0.00	54.48 -3.60 0.00	65.68 -4.04 0.00	75.50 -4.06 0.00	69.36 -3.34 0.00	67.68 -3.34 0.00	63.68 -2.93 0.00	60.53 -2.85 0.00	65.61 -2.45 0.00	60.37 -1.48 0.00
STEEL___WIND 323596	46.08 -5.06 0.00	43.35 -4.44 0.00	40.66 -4.17 0.00	38.48 -4.04 0.00	38.97 -3.90 0.00	38.64 -4.63 0.00	41.06 -5.23 0.00	45.55 -5.40 0.00	44.60 -5.60 0.68	44.01 -5.27 0.00	43.03 -5.21 0.00	41.81 -4.80 0.00	40.05 -4.93 1.14	39.71 -5.00 1.20	43.13 -6.57 3.71	42.79 -7.32 7.97	61.30 -7.74 0.68	71.60 -7.95 0.00	65.87 -6.84 0.00	64.63 -6.39 0.00	60.81 -5.80 0.00	57.99 -5.39 0.00	63.71 -4.36 0.00	60.06 -1.80 0.00
STEPHTWN_115KV_BK_2 55603	53.86 2.71 0.00	50.27 2.49 0.00	47.16 2.33 0.00	44.73 2.21 0.00	45.05 2.19 0.00	45.56 2.29 0.00	48.66 2.36 0.00	53.00 2.04 0.00	52.86 1.98 0.00	51.26 1.97 0.00	50.12 1.88 0.00	48.38 1.77 0.00	47.97 1.84 0.00	47.83 1.93 0.00	55.65 2.24 0.00	60.41 2.32 0.00	72.37 2.65 0.00	82.26 2.70 0.00	75.33 2.62 0.00	73.64 2.63 0.00	69.07 2.46 0.00	65.79 2.41 0.00	70.58 2.52 0.00	63.96 2.10 0.00
STEBEN_REC_LFGE 323667	47.98 -3.17 0.00	45.16 -2.63 0.00	42.27 -2.56 0.00	40.10 -2.42 0.00	40.42 -2.44 0.00	40.50 -2.77 0.00	43.24 -3.06 0.00	47.95 -3.01 0.00	49.43 -3.00 -1.56	46.28 -3.01 0.00	45.30 -2.94 0.00	44.00 -2.61 0.00	45.78 -2.95 -2.61	45.62 -3.03 -2.74	57.90 -4.01 -8.50	71.83 -4.47 -18.22	67.09 -4.18 -1.56	75.66 -3.90 0.00	69.51 -3.20 0.00	68.18 -2.84 0.00	64.15 -2.46 0.00	60.91 -2.47 0.00	66.23 -1.84 0.00	61.30 -0.56 0.00
STILLWATER___SOLAR 323814	53.75 2.61 0.00	50.18 2.39 0.00	47.11 2.29 0.00	44.69 2.17 0.00	45.01 2.14 0.00	45.48 2.21 0.00	48.52 2.22 0.00	53.35 2.40 0.00	53.22 2.34 0.00	51.51 2.22 0.00	50.36 2.12 0.00	48.65 2.05 0.00	48.20 2.08 0.00	48.02 2.11 0.00	55.92 2.51 0.00	60.93 2.85 0.00	73.14 3.42 0.00	83.29 3.74 0.00	76.27 3.56 0.00	74.57 3.55 0.00	69.81 3.20 0.00	66.42 3.04 0.00	71.26 3.20 0.00	64.57 2.72 0.00
STONY___BROOK 24151	56.11 4.96 -0.01	52.39 4.59 -0.01	48.95 4.12 0.00	46.18 3.66 0.00	46.77 3.90 0.00	47.12 3.85 0.00	50.70 4.40 -0.01	55.96 5.00 -0.01	55.66 4.78 0.00	53.72 4.44 0.00	52.64 4.39 -0.01	50.85 4.24 -0.01	50.42 4.29 -0.01	50.28 4.36 -0.01	58.55 5.13 -0.02	67.88 5.46 -4.34	108.64 6.55 -32.37	119.74 7.31 -32.87	119.02 6.76 -39.55	115.58 6.67 -37.89	106.15 6.06 -33.48	91.19 5.83 -21.98	74.20 6.13 -0.01	67.11 5.25 -0.01
STURGEON_POOL_HYD 23609	53.70 2.56 0.00	50.13 2.34 0.00	46.94 2.11 0.00	44.61 2.08 0.00	44.93 2.06 0.00	45.39 2.12 0.00	48.47 2.18 0.00	53.45 2.50 0.00	53.32 2.44 0.00	51.60 2.32 0.00	50.36 2.12 0.00	48.61 2.00 0.00	48.29 2.17 0.00	48.16 2.25 0.00	56.08 2.67 0.00	60.93 2.85 0.00	73.00 3.28 0.00	83.29 3.74 0.00	76.13 3.42 0.00	74.36 3.34 0.00	69.61 3.00 0.00	66.17 2.79 0.00	70.72 2.65 0.00	63.83 1.98 0.00

ST_LAW_115_BK7_LBMP 345037	51.20 0.05 0.00	47.74 -0.05 0.00	44.78 -0.04 0.00	42.48 -0.04 0.00	42.82 -0.04 0.00	43.23 -0.04 0.00	46.30 0.00 0.00	50.91 -0.05 0.00	50.83 -0.05 0.00	49.29 0.00 0.00	48.19 -0.05 0.00	46.56 -0.05 0.00	46.03 -0.09 0.00	45.77 -0.14 0.00	53.46 0.05 0.00	58.14 0.06 0.00	69.86 0.14 0.00	79.79 0.24 0.00	72.85 0.15 0.00	71.09 0.07 0.00	66.74 0.13 0.00	63.44 0.06 0.00	68.20 0.14 0.00	62.10 0.25 0.00
ST_LAW_115_BK8_LBMP 345038	51.20 0.05 0.00	47.74 -0.05 0.00	44.78 -0.04 0.00	42.48 -0.04 0.00	42.82 -0.04 0.00	43.23 -0.04 0.00	46.30 0.00 0.00	50.91 -0.05 0.00	50.83 -0.05 0.00	49.29 0.00 0.00	48.19 -0.05 0.00	46.56 -0.05 0.00	46.03 -0.09 0.00	45.77 -0.14 0.00	53.46 0.05 0.00	58.14 0.06 0.00	69.86 0.14 0.00	79.79 0.24 0.00	72.85 0.15 0.00	71.09 0.07 0.00	66.74 0.13 0.00	63.44 0.06 0.00	68.20 0.14 0.00	62.10 0.25 0.00
ST_LAW_230_BK5_LBMP 345035	51.15 0.00 0.00	47.69 -0.10 0.00	44.78 -0.04 0.00	42.44 -0.08 0.00	42.78 -0.09 0.00	43.18 -0.09 0.00	46.25 -0.05 0.00	50.86 -0.10 0.00	50.77 -0.10 0.00	49.24 -0.05 0.00	48.14 -0.10 0.00	46.51 -0.09 0.00	45.98 -0.14 0.00	45.77 -0.14 0.00	53.41 0.00 0.00	58.08 0.00 0.00	69.79 0.07 0.00	79.71 0.16 0.00	72.78 0.07 0.00	71.02 0.00 0.00	66.68 0.07 0.00	63.44 0.06 0.00	68.13 0.07 0.00	61.98 0.12 0.00
ST_LAW_230_BK6_LBMP 345036	51.15 0.00 0.00	47.69 -0.10 0.00	44.78 -0.04 0.00	42.44 -0.08 0.00	42.78 -0.09 0.00	43.18 -0.09 0.00	46.25 -0.05 0.00	50.86 -0.10 0.00	50.77 -0.10 0.00	49.24 -0.05 0.00	48.14 -0.10 0.00	46.51 -0.09 0.00	45.98 -0.14 0.00	45.77 -0.14 0.00	53.41 0.00 0.00	58.08 0.00 0.00	69.79 0.07 0.00	79.71 0.16 0.00	72.78 0.07 0.00	71.02 0.00 0.00	66.68 0.07 0.00	63.44 0.06 0.00	68.13 0.07 0.00	61.98 0.12 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	53.29 2.15 0.00	49.75 1.96 0.00	46.67 1.84 0.00	44.31 1.79 0.00	44.63 1.76 0.00	45.09 1.82 0.00	48.24 1.94 0.00	53.15 2.19 0.00	53.01 2.14 0.00	51.31 2.02 0.00	50.17 1.93 0.00	48.47 1.86 0.00	48.10 1.98 0.00	47.93 2.02 0.00	55.71 2.30 0.00	60.46 2.38 0.00	72.44 2.72 0.00	82.50 2.94 0.00	75.47 2.76 0.00	73.79 2.77 0.00	69.07 2.46 0.00	65.72 2.35 0.00	70.24 2.18 0.00	63.52 1.67 0.00
SWANROAD_115KV_TB1 355699	45.42 -5.73 0.00	42.72 -5.07 0.00	40.12 -4.71 0.00	38.06 -4.46 0.00	38.41 -4.46 0.00	38.21 -5.06 0.00	40.23 -6.06 0.00	44.64 -6.32 0.00	44.04 -6.31 0.53	42.73 -6.55 0.00	41.82 -6.42 0.00	40.97 -5.64 0.00	39.67 -5.58 0.87	39.39 -5.60 0.91	43.57 -7.00 2.84	44.29 -7.67 6.13	59.57 -9.62 0.53	69.37 -10.18 0.00	63.76 -8.94 0.00	62.50 -8.52 0.00	58.88 -7.73 0.00	56.22 -7.16 0.00	61.94 -6.13 0.00	58.82 -3.03 0.00
SYNERGY___BIOGAS 323694	47.41 -3.73 0.00	44.44 -3.35 0.00	41.74 -3.09 0.00	39.55 -2.98 0.00	39.95 -2.91 0.00	39.98 -3.29 0.00	42.36 -3.94 0.00	47.08 -3.87 0.00	46.70 -3.82 0.36	45.54 -3.75 0.00	44.52 -3.71 0.00	43.39 -3.22 0.00	42.02 -3.51 0.60	41.83 -3.44 0.63	47.13 -4.33 1.96	49.22 -4.65 4.21	64.06 -5.30 0.36	74.30 -5.25 0.00	68.42 -4.29 0.00	66.76 -4.26 0.00	62.95 -3.66 0.00	59.83 -3.55 0.00	65.41 -2.65 0.00	61.11 -0.74 0.00
SYRACUSE___ENERGY_ST1 323597	50.07 -1.07 0.00	46.93 -0.86 0.00	43.98 -0.85 0.00	41.72 -0.81 0.00	42.10 -0.77 0.00	42.45 -0.82 0.00	45.42 -0.88 0.00	50.09 -0.87 0.00	50.11 -0.76 0.00	48.55 -0.74 0.00	47.56 -0.68 0.00	46.00 -0.61 0.00	45.43 -0.69 0.00	45.26 -0.64 0.00	52.45 -0.96 0.00	57.04 -1.05 0.00	68.67 -1.05 0.00	78.52 -1.03 0.00	71.84 -0.87 0.00	70.24 -0.78 0.00	65.88 -0.73 0.00	62.62 -0.76 0.00	67.25 -0.82 0.00	61.17 -0.68 0.00
SYRACUSE___ENERGY_ST2 323598	50.07 -1.07 0.00	46.93 -0.86 0.00	43.98 -0.85 0.00	41.72 -0.81 0.00	42.10 -0.77 0.00	42.45 -0.82 0.00	45.42 -0.88 0.00	50.09 -0.87 0.00	50.11 -0.76 0.00	48.55 -0.74 0.00	47.56 -0.68 0.00	46.00 -0.61 0.00	45.43 -0.69 0.00	45.26 -0.64 0.00	52.45 -0.96 0.00	57.04 -1.05 0.00	68.67 -1.05 0.00	78.52 -1.03 0.00	71.84 -0.87 0.00	70.24 -0.78 0.00	65.88 -0.73 0.00	62.62 -0.76 0.00	67.25 -0.82 0.00	61.17 -0.68 0.00
SYRACUSE___POWER 24017	50.02 -1.13 0.00	46.88 -0.91 0.00	43.93 -0.90 0.00	41.67 -0.85 0.00	42.05 -0.81 0.00	42.41 -0.87 0.00	45.37 -0.93 0.00	50.04 -0.92 0.00	50.06 -0.81 0.00	48.50 -0.79 0.00	47.51 -0.72 0.00	45.95 -0.65 0.00	45.38 -0.74 0.00	45.17 -0.73 0.00	52.39 -1.01 0.00	56.98 -1.10 0.00	68.53 -1.19 0.00	78.44 -1.11 0.00	71.76 -0.95 0.00	70.16 -0.85 0.00	65.74 -0.87 0.00	62.49 -0.89 0.00	67.18 -0.88 0.00	61.11 -0.74 0.00
TALLMAN__138KV_BK151 55660	53.50 2.35 0.00	49.94 2.15 0.00	46.85 2.02 0.00	44.48 1.96 0.00	44.84 1.97 0.00	45.30 2.03 0.00	48.47 2.18 0.00	53.40 2.45 0.00	53.27 2.39 0.00	51.60 2.32 0.00	50.46 2.22 0.00	48.70 2.10 0.00	48.38 2.26 0.00	48.16 2.25 0.00	56.03 2.62 0.00	60.75 2.67 0.00	72.65 2.93 0.00	82.74 3.18 0.00	75.62 2.91 0.00	74.00 2.98 0.00	69.27 2.66 0.00	65.98 2.60 0.00	70.45 2.38 0.00	63.65 1.79 0.00
TEALLAVE_115KV_TB7 355573	49.77 -1.38 0.00	46.64 -1.15 0.00	43.71 -1.12 0.00	41.46 -1.06 0.00	41.84 -1.03 0.00	42.19 -1.08 0.00	45.14 -1.16 0.00	49.78 -1.17 0.00	49.81 -1.07 0.00	48.20 -1.08 0.00	47.23 -1.01 0.00	45.72 -0.89 0.00	45.15 -0.97 0.00	44.94 -0.96 0.00	52.07 -1.34 0.00	56.63 -1.45 0.00	68.12 -1.60 0.00	77.88 -1.67 0.00	71.25 -1.45 0.00	69.67 -1.35 0.00	65.34 -1.27 0.00	62.11 -1.27 0.00	66.77 -1.29 0.00	60.74 -1.11 0.00
TELGRAPH_34_KV_EAST 80808	46.49 -4.65 0.00	43.68 -4.11 0.00	41.02 -3.81 0.00	38.87 -3.66 0.00	39.27 -3.60 0.00	39.16 -4.11 0.00	41.43 -4.86 0.00	46.01 -4.94 0.00	45.51 -4.94 0.44	44.36 -4.93 0.00	43.37 -4.87 0.00	42.36 -4.24 0.00	41.02 -4.38 0.72	40.74 -4.41 0.76	45.50 -5.55 2.36	46.97 -6.04 5.08	62.10 -7.18 0.44	72.15 -7.40 0.00	66.38 -6.33 0.00	64.91 -6.11 0.00	61.21 -5.40 0.00	58.25 -5.13 0.00	63.91 -4.15 0.00	60.06 -1.79 0.00
TEMPLE___115KV_TB 2 55572	49.77 -1.38 0.00	46.64 -1.15 0.00	43.75 -1.08 0.00	41.50 -1.02 0.00	41.84 -1.03 0.00	42.19 -1.08 0.00	45.14 -1.16 0.00	49.84 -1.12 0.00	49.81 -1.07 0.00	48.25 -1.03 0.00	47.27 -0.96 0.00	45.72 -0.89 0.00	45.20 -0.92 0.00	44.99 -0.92 0.00	52.13 -1.28 0.00	56.69 -1.39 0.00	68.19 -1.53 0.00	77.96 -1.59 0.00	71.33 -1.38 0.00	69.74 -1.28 0.00	65.41 -1.20 0.00	62.11 -1.27 0.00	66.84 -1.23 0.00	60.80 -1.05 0.00
TIANA____69_KV_BK 1 55817	56.82 5.68 0.00	53.05 5.26 0.00	49.54 4.71 0.00	46.69 4.17 0.00	47.24 4.37 0.00	47.68 4.41 0.00	51.25 4.95 0.00	56.56 5.61 0.00	56.22 5.34 0.00	54.21 4.93 0.00	53.11 4.87 0.00	51.27 4.66 0.00	50.82 4.70 0.00	50.73 4.82 0.00	59.09 5.66 -0.02	68.52 6.10 -4.34	109.48 7.39 -32.37	120.94 8.51 -32.87	120.11 7.85 -39.55	116.64 7.74 -37.89	107.08 6.99 -33.48	92.14 6.78 -21.98	75.14 7.08 0.00	67.91 6.06 0.00

TILDEN___115KV_TB1 80814	50.02 -1.13 0.00	46.88 -0.91 0.00	43.93 -0.90 0.00	41.67 -0.85 0.00	42.05 -0.81 0.00	42.41 -0.87 0.00	45.37 -0.93 0.00	50.04 -0.92 0.00	50.06 -0.81 0.00	48.50 -0.79 0.00	47.51 -0.72 0.00	45.95 -0.65 0.00	45.38 -0.74 0.00	45.17 -0.73 0.00	52.39 -1.01 0.00	56.98 -1.10 0.00	68.53 -1.19 0.00	78.44 -1.11 0.00	71.76 -0.95 0.00	70.16 -0.85 0.00	65.74 -0.87 0.00	62.49 -0.89 0.00	67.18 -0.88 0.00	61.11 -0.74 0.00
TRIGEN___CC 323695	54.93 3.78 0.00	51.28 3.49 0.00	48.06 3.23 0.00	45.46 2.93 0.00	45.91 3.04 0.00	46.34 3.07 0.00	49.77 3.47 0.00	54.83 3.87 0.00	54.69 3.82 0.00	52.88 3.60 0.00	51.71 3.47 0.00	49.96 3.36 0.00	49.58 3.46 0.00	49.44 3.53 0.00	57.43 4.01 -0.02	66.55 4.12 -4.34	106.69 4.60 -32.37	117.44 5.01 -32.87	116.91 4.65 -39.55	113.59 4.69 -37.89	104.35 4.26 -33.48	89.48 4.12 -21.98	72.42 4.36 0.00	65.50 3.65 0.00
TRINITY___115KV___4 BK 55933	53.29 2.15 0.00	49.80 2.01 0.00	46.71 1.88 0.00	44.31 1.79 0.00	44.63 1.76 0.00	45.09 1.82 0.00	48.15 1.85 0.00	52.43 1.48 0.00	52.30 1.42 0.00	50.71 1.43 0.00	49.64 1.40 0.00	47.96 1.35 0.00	47.55 1.43 0.00	47.38 1.47 0.00	55.07 1.66 0.00	59.77 1.68 0.00	71.53 1.81 0.00	81.14 1.59 0.00	74.31 1.60 0.00	72.72 1.70 0.00	68.21 1.60 0.00	65.03 1.65 0.00	69.76 1.70 0.00	63.21 1.36 0.00
UNION___PROCESSING_DRP 323587	47.87 -3.27 0.00	44.92 -2.87 0.00	42.09 -2.73 0.00	39.89 -2.64 0.00	40.30 -2.57 0.00	40.50 -2.77 0.00	43.15 -3.15 0.00	47.80 -3.16 0.00	47.72 -3.15 0.00	46.48 -2.81 0.00	45.49 -2.75 0.00	44.23 -2.38 0.00	43.31 -2.81 0.00	43.15 -2.75 0.00	50.05 -3.36 0.00	54.48 -3.60 0.00	65.68 -4.04 0.00	75.58 -3.98 0.00	69.36 -3.34 0.00	67.68 -3.34 0.00	63.68 -2.93 0.00	60.53 -2.85 0.00	65.61 -2.45 0.00	60.37 -1.48 0.00
UPPER HUDSON___HYD 24058	53.34 2.20 0.00	49.80 2.01 0.00	46.85 2.02 0.00	44.39 1.87 0.00	44.71 1.84 0.00	45.22 1.95 0.00	48.15 1.85 0.00	52.94 1.99 0.00	52.91 2.04 0.00	51.21 1.92 0.00	50.02 1.79 0.00	48.33 1.73 0.00	47.78 1.66 0.00	47.61 1.70 0.00	55.44 2.03 0.00	60.41 2.33 0.00	72.65 2.93 0.00	82.82 3.26 0.00	75.83 3.12 0.00	74.07 3.05 0.00	69.34 2.73 0.00	65.98 2.60 0.00	70.85 2.79 0.00	64.20 2.35 0.00
UPPER RAQUET___HYD 24056	51.86 0.72 0.00	48.36 0.58 0.00	45.41 0.58 0.00	42.99 0.47 0.00	43.30 0.43 0.00	43.70 0.43 0.00	46.85 0.56 0.00	51.52 0.56 0.00	51.39 0.51 0.00	49.92 0.64 0.00	48.82 0.58 0.00	47.12 0.51 0.00	46.58 0.46 0.00	46.41 0.51 0.00	54.16 0.75 0.00	58.83 0.75 0.00	70.70 0.98 0.00	80.75 1.20 0.00	73.65 0.94 0.00	71.87 0.86 0.00	67.87 1.26 0.00	64.52 1.14 0.00	69.29 1.23 0.00	63.28 1.42 0.00
VALLEY44_115KV_TB2 355964	46.85 -4.30 0.00	44.06 -3.73 0.00	41.33 -3.50 0.00	39.25 -3.27 0.00	39.61 -3.26 0.00	39.42 -3.85 0.00	41.99 -4.31 0.00	46.47 -4.48 0.00	46.12 -4.48 0.27	44.95 -4.34 0.00	44.14 -4.10 0.00	42.97 -3.64 0.00	41.60 -4.06 0.46	41.16 -4.27 0.48	45.77 -6.14 1.49	47.73 -7.14 3.21	63.17 -6.27 0.27	73.19 -6.36 0.00	67.25 -5.45 0.00	65.97 -5.04 0.00	61.95 -4.66 0.00	59.01 -4.37 0.00	64.46 -3.61 0.00	60.31 -1.55 0.00
VALLEY___115KV_TB 1-4 80826	52.83 1.69 0.00	49.41 1.62 0.00	46.40 1.57 0.00	43.97 1.45 0.00	44.28 1.41 0.00	44.61 1.34 0.00	47.68 1.39 0.00	52.43 1.48 0.00	52.30 1.42 0.00	50.67 1.38 0.00	49.59 1.35 0.00	47.91 1.30 0.00	47.37 1.25 0.00	47.15 1.24 0.00	54.80 1.39 0.00	59.65 1.57 0.00	71.67 1.95 0.00	81.78 2.23 0.00	74.74 2.04 0.00	73.01 1.99 0.00	68.48 1.87 0.00	65.34 1.96 0.00	70.17 2.11 0.00	63.89 2.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	53.50 2.35 0.00	50.13 2.34 0.00	47.12 2.29 0.00	44.56 2.04 0.00	44.80 1.93 0.00	45.22 1.95 0.00	48.38 2.08 0.00	53.56 2.60 0.00	53.37 2.49 0.00	51.80 2.51 0.00	50.65 2.41 0.00	48.84 2.24 0.00	48.38 2.26 0.00	48.16 2.25 0.00	55.92 2.51 0.00	60.87 2.79 0.00	73.48 3.76 0.00	83.77 4.22 0.00	76.56 3.85 0.00	74.78 3.76 0.00	70.21 3.60 0.00	66.80 3.42 0.00	71.53 3.47 0.00	65.07 3.22 0.00
VISCHER___FERRY HYD 24020	53.50 2.35 0.00	49.94 2.15 0.00	46.89 2.06 0.00	44.48 1.96 0.00	44.80 1.93 0.00	45.26 1.99 0.00	48.33 2.03 0.00	53.10 2.14 0.00	52.96 2.09 0.00	51.31 2.02 0.00	50.22 1.98 0.00	48.52 1.91 0.00	48.06 1.94 0.00	47.88 1.97 0.00	55.70 2.30 0.00	60.58 2.50 0.00	72.58 2.86 0.00	82.65 3.10 0.00	75.62 2.91 0.00	73.93 2.91 0.00	69.28 2.67 0.00	65.92 2.54 0.00	70.72 2.65 0.00	64.02 2.16 0.00
V_A_10_SYNC_DSASP 323832	46.08 -5.06 0.00	43.30 -4.49 0.00	40.61 -4.21 0.00	38.48 -4.04 0.00	38.84 -4.03 0.00	38.81 -4.46 0.00	41.25 -5.05 0.00	45.71 -5.25 0.00	45.18 -5.34 0.35	44.26 -5.03 0.00	43.27 -4.97 0.00	42.32 -4.29 0.00	40.78 -4.75 0.59	40.52 -4.77 0.62	45.62 -5.88 1.91	47.65 -6.33 4.10	61.98 -7.39 0.35	71.68 -7.88 0.00	65.87 -6.83 0.00	64.48 -6.53 0.00	60.68 -5.93 0.00	57.87 -5.51 0.00	63.23 -4.83 0.00	58.82 -3.03 0.00
V_CMM_10_SYNC_DSASP 323787	51.45 0.31 0.00	47.98 0.19 0.00	45.01 0.18 0.00	42.69 0.17 0.00	43.00 0.13 0.00	43.44 0.17 0.00	46.53 0.23 0.00	51.16 0.20 0.00	51.03 0.15 0.00	49.48 0.20 0.00	48.43 0.19 0.00	46.75 0.14 0.00	46.21 0.09 0.00	46.00 0.09 0.00	53.68 0.27 0.00	58.37 0.29 0.00	70.14 0.42 0.00	80.11 0.56 0.00	73.14 0.44 0.00	71.37 0.36 0.00	67.01 0.40 0.00	63.76 0.38 0.00	68.47 0.41 0.00	62.35 0.49 0.00
V_CMP_10_SYNC_DSASP 323788	51.30 0.15 0.00	47.84 0.05 0.00	44.87 0.04 0.00	42.52 0.00 0.00	42.78 -0.09 0.00	43.18 -0.09 0.00	46.30 0.00 0.00	50.85 -0.10 0.00	50.77 -0.10 0.00	49.24 -0.05 0.00	48.14 -0.10 0.00	46.51 -0.09 0.00	46.03 -0.09 0.00	45.86 -0.05 0.00	53.57 0.16 0.00	58.31 0.23 0.00	70.35 0.63 0.00	80.51 0.95 0.00	73.44 0.73 0.00	71.66 0.64 0.00	67.41 0.80 0.00	63.95 0.57 0.00	68.61 0.54 0.00	62.53 0.68 0.00
V_D_10_SYNC_DSASP 323841	51.86 0.72 0.00	48.36 0.57 0.00	45.37 0.54 0.00	43.03 0.51 0.00	43.34 0.47 0.00	43.75 0.48 0.00	46.90 0.60 0.00	51.52 0.56 0.00	51.44 0.56 0.00	49.93 0.64 0.00	48.82 0.58 0.00	47.12 0.51 0.00	46.58 0.46 0.00	46.37 0.46 0.00	54.10 0.69 0.00	58.84 0.76 0.00	70.70 0.98 0.00	80.83 1.27 0.00	73.73 1.02 0.00	71.94 0.92 0.00	67.68 1.07 0.00	64.33 0.95 0.00	69.15 1.09 0.00	62.97 1.11 0.00
V_E_10_SYNC_DSASP 323830	52.83 1.69 0.00	49.84 2.05 0.00	46.94 2.11 0.00	44.31 1.79 0.00	44.45 1.59 0.00	44.87 1.60 0.00	47.92 1.62 0.00	53.25 2.29 0.00	53.13 2.14 -0.12	51.26 1.97 0.00	50.12 1.88 0.00	48.33 1.72 0.00	48.03 1.71 -0.20	47.77 1.65 -0.21	56.10 2.03 -0.66	62.05 2.56 -1.42	74.09 4.25 -0.12	84.72 5.17 0.00	77.51 4.80 0.00	75.70 4.69 0.00	71.14 4.53 0.00	67.06 3.68 0.00	71.81 3.74 0.00	65.75 3.90 0.00

V_F_30_NSYNC___DSASP 323816	53.75 2.61 0.00	50.23 2.44 0.00	47.16 2.33 0.00	44.69 2.17 0.00	45.01 2.14 0.00	45.52 2.25 0.00	48.56 2.27 0.00	53.35 2.39 0.00	53.27 2.39 0.00	51.55 2.27 0.00	50.41 2.17 0.00	48.66 2.05 0.00	48.24 2.12 0.00	48.06 2.16 0.00	55.97 2.56 0.00	60.99 2.90 0.00	73.21 3.49 0.00	83.37 3.82 0.00	76.34 3.64 0.00	74.64 3.62 0.00	69.87 3.26 0.00	66.49 3.11 0.00	71.33 3.27 0.00	64.70 2.85 0.00
V_F_30_SYNC_DSASP 323786	53.55 2.40 0.00	49.99 2.20 0.00	46.89 2.06 0.00	44.48 1.96 0.00	44.80 1.93 0.00	45.26 1.99 0.00	48.33 2.04 0.00	52.59 1.63 0.00	52.45 1.58 0.00	50.86 1.58 0.00	49.78 1.54 0.00	48.10 1.49 0.00	47.69 1.57 0.00	47.51 1.61 0.00	55.28 1.87 0.00	59.94 1.86 0.00	71.74 2.02 0.00	81.46 1.91 0.00	74.60 1.89 0.00	72.93 1.92 0.00	68.48 1.87 0.00	65.22 1.84 0.00	69.97 1.91 0.00	63.46 1.61 0.00
V_XM_10_SYNC_DSASP 323789	51.30 0.15 0.00	47.84 0.05 0.00	44.87 0.04 0.00	42.52 0.00 0.00	42.78 -0.09 0.00	43.18 -0.09 0.00	46.30 0.00 0.00	50.85 -0.10 0.00	50.77 -0.10 0.00	49.24 -0.05 0.00	48.14 -0.10 0.00	46.51 -0.09 0.00	46.03 -0.09 0.00	45.86 -0.05 0.00	53.57 0.16 0.00	58.31 0.23 0.00	70.35 0.63 0.00	80.51 0.95 0.00	73.44 0.73 0.00	71.66 0.64 0.00	67.41 0.80 0.00	63.95 0.57 0.00	68.61 0.54 0.00	62.53 0.68 0.00
W.BABYLN_69_KV_BK1 56697	56.11 4.96 0.00	52.38 4.59 0.00	49.00 4.17 0.00	46.22 3.70 0.00	46.73 3.86 0.00	47.17 3.89 0.00	50.69 4.40 0.00	55.95 4.99 0.00	55.66 4.78 0.00	53.77 4.48 0.00	52.63 4.39 0.00	50.85 4.24 0.00	50.50 4.38 0.00	50.36 4.45 0.00	58.61 5.18 -0.02	67.88 5.46 -4.34	108.50 6.41 -32.37	119.58 7.16 -32.87	118.87 6.62 -39.55	115.51 6.60 -37.89	106.08 5.99 -33.48	91.13 5.77 -21.98	74.19 6.13 0.00	67.05 5.20 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	53.65 2.51 0.00	50.08 2.29 0.00	46.98 2.15 0.00	44.61 2.08 0.00	44.97 2.10 0.00	45.43 2.16 0.00	48.56 2.27 0.00	53.50 2.55 0.00	53.37 2.49 0.00	51.70 2.41 0.00	50.55 2.32 0.00	48.80 2.19 0.00	48.47 2.35 0.00	48.29 2.39 0.00	56.13 2.72 0.00	60.87 2.79 0.00	72.86 3.14 0.00	82.97 3.42 0.00	75.91 3.20 0.00	74.21 3.20 0.00	69.47 2.86 0.00	66.17 2.79 0.00	70.65 2.59 0.00	63.83 1.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	54.11 2.97 0.00	50.46 2.68 0.00	47.29 2.47 0.00	44.86 2.34 0.00	45.23 2.36 0.00	45.69 2.42 0.00	48.98 2.69 0.00	54.01 3.06 0.00	53.88 3.00 0.00	52.19 2.91 0.00	51.04 2.80 0.00	49.26 2.66 0.00	48.93 2.81 0.00	48.80 2.89 0.00	56.72 3.31 0.00	61.57 3.48 0.00	73.48 3.76 0.00	83.61 4.06 0.00	76.49 3.78 0.00	74.92 3.91 0.00	70.14 3.53 0.00	66.80 3.42 0.00	71.26 3.20 0.00	64.39 2.54 0.00
W50THST__13_KV_LOAD 356117	54.27 3.12 0.00	50.66 2.87 0.00	47.47 2.64 0.00	45.03 2.51 0.00	45.35 2.49 0.00	45.87 2.60 0.00	49.12 2.82 0.00	54.22 3.26 0.00	54.08 3.21 0.00	52.39 3.10 0.00	51.18 2.94 0.00	49.45 2.84 0.00	49.12 3.00 0.00	48.98 3.08 0.00	56.93 3.53 0.00	61.80 3.72 0.00	73.76 4.04 0.00	83.93 4.38 0.00	76.78 4.07 0.00	75.21 4.19 0.00	70.41 3.80 0.00	67.06 3.68 0.00	71.47 3.40 0.00	64.57 2.72 0.00
WADING RIVER_IC_1 23522	56.42 5.27 -0.01	52.67 4.88 -0.01	49.18 4.35 0.00	46.39 3.87 0.00	46.98 4.12 0.00	47.34 4.07 0.00	50.93 4.63 -0.01	56.21 5.25 -0.01	55.87 4.99 0.00	53.92 4.63 0.00	52.78 4.53 -0.01	50.99 4.38 -0.01	50.56 4.43 -0.01	50.42 4.50 -0.01	58.71 5.29 -0.02	68.12 5.70 -4.34	108.92 6.84 -32.37	120.23 7.80 -32.87	119.45 7.20 -39.55	116.07 7.17 -37.89	106.48 6.40 -33.48	91.64 6.28 -21.98	74.61 6.53 -0.01	67.49 5.63 -0.01
WADING RIVER_IC_2 23547	56.42 5.27 -0.01	52.67 4.88 -0.01	49.18 4.35 0.00	46.39 3.87 0.00	46.98 4.12 0.00	47.34 4.07 0.00	50.93 4.63 -0.01	56.21 5.25 -0.01	55.87 4.99 0.00	53.92 4.63 0.00	52.78 4.53 -0.01	50.99 4.38 -0.01	50.56 4.43 -0.01	50.42 4.50 -0.01	58.71 5.29 -0.02	68.12 5.70 -4.34	108.92 6.84 -32.37	120.23 7.80 -32.87	119.45 7.20 -39.55	116.07 7.17 -37.89	106.48 6.40 -33.48	91.64 6.28 -21.98	74.61 6.53 -0.01	67.49 5.63 -0.01
WADING RIVER_IC_3 23601	56.42 5.27 -0.01	52.67 4.88 -0.01	49.18 4.35 0.00	46.39 3.87 0.00	46.98 4.12 0.00	47.34 4.07 0.00	50.93 4.63 -0.01	56.21 5.25 -0.01	55.87 4.99 0.00	53.92 4.63 0.00	52.78 4.53 -0.01	50.99 4.38 -0.01	50.56 4.43 -0.01	50.42 4.50 -0.01	58.71 5.29 -0.02	68.12 5.70 -4.34	108.92 6.84 -32.37	120.23 7.80 -32.87	119.45 7.20 -39.55	116.07 7.17 -37.89	106.48 6.40 -33.48	91.64 6.28 -21.98	74.61 6.53 -0.01	67.49 5.63 -0.01
WALDENNY_12_KV_BK2 80841	46.18 -4.96 0.00	43.39 -4.40 0.00	40.70 -4.12 0.00	38.61 -3.91 0.00	38.97 -3.90 0.00	38.73 -4.54 0.00	41.06 -5.23 0.00	45.56 -5.40 0.00	44.67 -5.55 0.66	43.96 -5.32 0.00	43.08 -5.16 0.00	42.13 -4.47 0.00	40.12 -4.89 1.11	39.78 -4.96 1.17	43.33 -6.46 3.62	43.11 -7.20 7.77	61.32 -7.74 0.66	71.60 -7.96 0.00	65.87 -6.83 0.00	64.55 -6.46 0.00	60.82 -5.80 0.00	57.93 -5.45 0.00	63.78 -4.29 0.00	59.93 -1.92 0.00
WALDEN__HYDRO 24148	53.60 2.46 0.00	50.03 2.25 0.00	46.94 2.11 0.00	44.56 2.04 0.00	44.88 2.01 0.00	45.35 2.08 0.00	48.47 2.18 0.00	53.35 2.39 0.00	53.27 2.39 0.00	51.55 2.27 0.00	50.36 2.12 0.00	48.61 2.00 0.00	48.29 2.17 0.00	48.11 2.20 0.00	55.97 2.56 0.00	60.81 2.73 0.00	72.86 3.14 0.00	83.05 3.50 0.00	75.98 3.27 0.00	74.28 3.27 0.00	69.47 2.86 0.00	66.17 2.79 0.00	70.65 2.59 0.00	63.83 1.98 0.00
WARRENSBURG____ 23737	53.35 2.20 0.00	49.80 2.01 0.00	46.85 2.02 0.00	44.39 1.87 0.00	44.71 1.84 0.00	45.22 1.95 0.00	48.15 1.85 0.00	52.94 1.99 0.00	52.91 2.04 0.00	51.21 1.92 0.00	50.02 1.78 0.00	48.24 1.63 0.00	47.78 1.66 0.00	47.61 1.70 0.00	55.44 2.03 0.00	60.41 2.32 0.00	72.65 2.93 0.00	82.81 3.26 0.00	75.83 3.13 0.00	74.07 3.05 0.00	69.34 2.73 0.00	65.98 2.60 0.00	70.85 2.79 0.00	64.26 2.41 0.00
WATERSIDE____6 8 9 23538	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.61 2.74 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.47 3.52 0.00	54.34 3.46 0.00	52.64 3.35 0.00	51.42 3.18 0.00	49.68 3.08 0.00	49.30 3.18 0.00	49.17 3.26 0.00	57.20 3.79 0.00	62.03 3.95 0.00	74.04 4.32 0.00	84.25 4.69 0.00	77.07 4.36 0.00	75.49 4.47 0.00	70.67 4.06 0.00	67.31 3.93 0.00	71.81 3.74 0.00	64.94 3.09 0.00
WATKINRD_115KV_LN8_ILLION 55919	52.42 1.28 0.00	48.98 1.19 0.00	45.99 1.17 0.00	43.59 1.06 0.00	43.94 1.07 0.00	44.31 1.04 0.00	47.36 1.06 0.00	52.13 1.17 0.00	52.00 1.12 0.00	50.37 1.08 0.00	49.30 1.06 0.00	47.63 1.03 0.00	47.13 1.01 0.00	46.87 0.96 0.00	54.53 1.12 0.00	59.30 1.22 0.00	71.25 1.53 0.00	81.30 1.75 0.00	74.31 1.60 0.00	72.58 1.56 0.00	68.08 1.47 0.00	64.90 1.52 0.00	69.70 1.63 0.00	63.40 1.55 0.00

WDELAWARE___HYD 323627	54.11 2.97 0.00	50.51 2.72 0.00	47.34 2.51 0.00	44.99 2.47 0.00	45.22 2.36 0.00	45.69 2.42 0.00	48.79 2.50 0.00	53.76 2.80 0.00	53.62 2.75 0.00	51.85 2.56 0.00	50.55 2.32 0.00	48.84 2.24 0.00	48.47 2.35 0.00	48.29 2.39 0.00	56.29 2.88 0.00	61.22 3.13 0.00	73.69 3.97 0.00	84.25 4.69 0.00	77.00 4.29 0.00	75.21 4.19 0.00	70.34 3.73 0.00	66.86 3.48 0.00	71.40 3.33 0.00	64.45 2.60 0.00
WEST BABYLON___IC 23714	56.11 4.96 0.00	52.38 4.59 0.00	49.00 4.17 0.00	46.22 3.70 0.00	46.73 3.86 0.00	47.17 3.89 0.00	50.69 4.40 0.00	55.95 4.99 0.00	55.66 4.78 0.00	53.77 4.48 0.00	52.63 4.39 0.00	50.85 4.24 0.00	50.50 4.38 0.00	50.36 4.45 0.00	58.61 5.18 -0.02	67.88 5.46 -4.34	108.50 6.41 -32.37	119.58 7.16 -32.87	118.87 6.62 -39.55	115.51 6.60 -37.89	106.08 5.99 -33.48	91.13 5.77 -21.98	74.19 6.13 0.00	67.05 5.20 0.00
WEST CANADA___HYD 24049	51.30 0.15 0.00	47.93 0.14 0.00	45.01 0.18 0.00	42.65 0.13 0.00	43.00 0.13 0.00	43.40 0.13 0.00	46.43 0.14 0.00	51.11 0.15 0.00	51.03 0.15 0.00	49.43 0.15 0.00	48.38 0.15 0.00	46.75 0.14 0.00	46.26 0.14 0.00	46.04 0.14 0.00	53.57 0.16 0.00	58.26 0.17 0.00	69.93 0.21 0.00	79.71 0.16 0.00	72.85 0.15 0.00	71.16 0.14 0.00	66.74 0.13 0.00	63.57 0.19 0.00	68.27 0.20 0.00	62.04 0.19 0.00
WESTERN_NY_WIND 24143	47.31 -3.84 0.00	44.40 -3.39 0.00	41.65 -3.18 0.00	39.46 -3.06 0.00	39.91 -2.96 0.00	39.90 -3.38 0.00	42.22 -4.07 0.00	46.93 -4.03 0.00	46.52 -3.97 0.39	45.39 -3.89 0.00	44.38 -3.86 0.00	43.25 -3.36 0.00	41.87 -3.60 0.65	41.64 -3.58 0.68	46.81 -4.49 2.11	48.71 -4.82 4.55	63.82 -5.51 0.39	74.14 -5.41 0.00	68.20 -4.51 0.00	66.54 -4.47 0.00	62.75 -3.86 0.00	59.64 -3.74 0.00	65.20 -2.86 0.00	60.99 -0.87 0.00
WESTOVER___LESR 323668	50.12 -1.02 0.00	47.02 -0.76 0.00	44.11 -0.72 0.00	41.84 -0.68 0.00	42.18 -0.69 0.00	42.49 -0.78 0.00	45.42 -0.88 0.00	50.14 -0.82 0.00	50.11 -0.76 0.00	48.50 -0.79 0.00	47.51 -0.72 0.00	45.95 -0.65 0.00	45.38 -0.74 0.00	45.13 -0.78 0.00	52.23 -1.18 0.00	56.80 -1.28 0.00	68.60 -1.12 0.00	78.52 -1.03 0.00	71.91 -0.80 0.00	70.38 -0.64 0.00	66.08 -0.53 0.00	62.81 -0.57 0.00	67.59 -0.48 0.00	61.79 -0.06 0.00
WETHRSFD_WT_PWR 323626	45.93 -5.22 0.00	43.20 -4.59 0.00	40.48 -4.35 0.00	38.31 -4.21 0.00	38.79 -4.07 0.00	38.64 -4.63 0.00	41.11 -5.18 0.00	45.61 -5.35 0.00	42.97 -5.50 2.41	43.96 -5.32 0.00	43.03 -5.21 0.00	41.71 -4.89 0.00	37.11 -4.98 4.03	36.62 -5.05 4.24	33.92 -6.36 13.14	22.93 -6.97 28.18	59.78 -7.53 2.41	71.60 -7.95 0.00	65.80 -6.91 0.00	64.63 -6.39 0.00	60.88 -5.73 0.00	58.06 -5.32 0.00	63.57 -4.49 0.00	59.69 -2.17 0.00
WHAVSTOR_138KV_BK127 55557	53.50 2.35 0.00	49.94 2.15 0.00	46.85 2.02 0.00	44.48 1.96 0.00	44.84 1.97 0.00	45.30 2.03 0.00	48.47 2.18 0.00	53.40 2.45 0.00	53.27 2.39 0.00	51.60 2.32 0.00	50.46 2.22 0.00	48.75 2.14 0.00	48.38 2.26 0.00	48.20 2.30 0.00	56.03 2.62 0.00	60.75 2.67 0.00	72.65 2.93 0.00	82.66 3.10 0.00	75.62 2.91 0.00	74.00 2.98 0.00	69.27 2.66 0.00	65.98 2.60 0.00	70.45 2.38 0.00	63.65 1.79 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	53.50 2.35 0.00	49.94 2.15 0.00	46.85 2.02 0.00	44.48 1.96 0.00	44.84 1.97 0.00	45.30 2.03 0.00	48.47 2.18 0.00	53.40 2.45 0.00	53.27 2.39 0.00	51.60 2.32 0.00	50.46 2.22 0.00	48.75 2.14 0.00	48.38 2.26 0.00	48.20 2.30 0.00	56.03 2.62 0.00	60.75 2.67 0.00	72.65 2.93 0.00	82.66 3.10 0.00	75.62 2.91 0.00	74.00 2.98 0.00	69.27 2.66 0.00	65.98 2.60 0.00	70.45 2.38 0.00	63.65 1.79 0.00
WHITEHAL_115KV_TB1 80871	53.96 2.81 0.00	50.32 2.53 0.00	47.38 2.56 0.00	44.86 2.34 0.00	45.18 2.31 0.00	45.78 2.51 0.00	48.66 2.36 0.00	53.50 2.55 0.00	53.47 2.59 0.00	51.75 2.46 0.00	50.51 2.27 0.00	48.70 2.10 0.00	48.24 2.12 0.00	48.11 2.20 0.00	56.08 2.67 0.00	61.22 3.14 0.00	73.76 4.04 0.00	84.25 4.69 0.00	77.14 4.44 0.00	75.35 4.33 0.00	70.41 3.80 0.00	66.93 3.55 0.00	71.81 3.74 0.00	65.13 3.28 0.00
WHITEPLN_13_KV_LOAD 356215	54.32 3.17 0.00	50.70 2.92 0.00	47.56 2.73 0.00	45.07 2.55 0.00	45.44 2.57 0.00	45.91 2.64 0.00	49.12 2.82 0.00	54.32 3.36 0.00	54.18 3.31 0.00	52.49 3.20 0.00	51.28 3.04 0.00	49.49 2.89 0.00	49.16 3.04 0.00	49.03 3.12 0.00	57.04 3.63 0.00	61.86 3.78 0.00	74.18 4.46 0.00	84.41 4.85 0.00	77.22 4.51 0.00	75.56 4.55 0.00	70.61 4.00 0.00	67.18 3.80 0.00	71.74 3.68 0.00	64.82 2.97 0.00
WM_FLOYD_69_KV_BK2 356380	56.36 5.22 0.00	52.62 4.83 0.00	49.13 4.30 0.00	46.35 3.83 0.00	46.90 4.03 0.00	47.30 4.02 0.00	50.88 4.58 0.00	56.15 5.20 0.00	55.81 4.94 0.00	53.82 4.53 0.00	52.72 4.49 0.00	50.89 4.29 0.00	50.50 4.38 0.00	50.40 4.50 0.00	58.66 5.23 -0.02	68.06 5.63 -4.34	108.85 6.76 -32.37	120.14 7.72 -32.87	119.38 7.13 -39.55	115.93 7.03 -37.89	106.41 6.33 -33.48	91.57 6.21 -21.98	74.53 6.47 0.00	67.36 5.50 0.00
WOODARD__115KV_TB2 355635	49.71 -1.43 0.00	46.59 -1.19 0.00	43.66 -1.17 0.00	41.46 -1.06 0.00	41.80 -1.07 0.00	42.15 -1.13 0.00	45.09 -1.20 0.00	49.73 -1.22 0.00	49.76 -1.12 0.00	48.15 -1.13 0.00	47.23 -1.01 0.00	45.67 -0.93 0.00	45.11 -1.01 0.00	44.90 -1.01 0.00	52.07 -1.34 0.00	56.63 -1.45 0.00	68.12 -1.60 0.00	77.88 -1.67 0.00	71.25 -1.45 0.00	69.60 -1.42 0.00	65.28 -1.33 0.00	62.05 -1.33 0.00	66.70 -1.36 0.00	60.68 -1.18 0.00
WOODMERE_69_KV_BK1 55827	55.54 4.40 0.00	51.85 4.06 0.00	48.55 3.72 0.00	45.92 3.40 0.00	46.38 3.52 0.00	46.82 3.55 0.00	50.23 3.94 0.00	55.44 4.48 0.00	55.25 4.38 0.00	53.43 4.14 0.00	52.29 4.05 0.00	50.52 3.91 0.00	50.13 4.01 0.00	50.00 4.09 0.00	58.08 4.65 -0.02	67.25 4.82 -4.34	107.59 5.51 -32.37	118.55 6.13 -32.87	117.92 5.67 -39.55	114.59 5.68 -37.89	105.28 5.20 -33.48	90.31 4.94 -21.98	73.30 5.24 0.00	66.37 4.52 0.00
YORK___WARBASSE 23770	54.52 3.38 0.00	50.90 3.11 0.00	47.70 2.87 0.00	45.24 2.72 0.00	45.57 2.70 0.00	46.08 2.81 0.00	49.35 3.06 0.00	54.42 3.47 0.00	54.29 3.41 0.00	52.54 3.25 0.00	51.37 3.14 0.00	49.59 2.98 0.00	49.26 3.14 0.00	49.07 3.17 0.00	57.15 3.74 0.00	61.97 3.89 0.00	74.18 4.46 0.00	84.49 4.93 0.00	77.29 4.58 0.00	75.63 4.62 0.00	70.81 4.20 0.00	67.37 3.99 0.00	72.01 3.95 0.00	65.07 3.22 0.00